CATALOGUE

D'ÉTOILES BRILLANTES

DESTINÉ

AUX ASTRONOMES, VOYAGEURS, INGÉNIEURS ET MARINS.

PARIS. — IMPRIMERIE GAUTHIER-VILLARS,
36647 Quai des Grands-Augustins, 55.

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PAR

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PARIS,
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INTRODUCTION.

On trouvera dans ce Catalogue les meilleures positions de beaucoup d'étoiles brillantes situées dans les deux hémisphères et réduites à l'époque 1900,0. Comme on sait, ces étoiles ont été observées les premières, et les astronomes tels que Bradley, Mayer, etc. ne se sont pas astreints à observer méthodiquement le firmament, c'est-à-dire que l'on trouve dans leurs Catalogues quelques positions d'étoiles de la 7ᵉ grandeur, tandis que beaucoup d'étoiles de la 6ᵉ grandeur n'y figurent pas. Dans un siècle ces lacunes seront certainement comblées et l'on pourra fixer les mouvements propres de toutes les étoiles jusqu'à la 8ᵉ grandeur pour le monde entier.

En attendant cette lente éclosion, il m'a semblé utile de cataloguer dès maintenant les connaissances que nous possédons sur ces étoiles.

Beaucoup de personnes ignorent la compilation que nécessite la recherche d'une bonne position d'étoile; on dépense plusieurs heures à ce travail et souvent on n'en retire pas le fruit désiré. Pour un chercheur non initié, la difficulté s'accroît singulièrement. Quand il a réduit les positions anciennes et modernes d'une étoile à une seule et même époque, il constate des divergences telles qu'il serait tenté de renoncer à se servir de cette étoile. De prime abord, il paraît impossible de faire un choix judicieux entre ces diverses positions, mais, par une longue pratique on se rend compte, par exemple, que tel astronome sacrifiait l'exactitude à la rapidité ou bien que son talent était médiocre. En effet, si on compare ses observations avec celles effectuées par d'autres astronomes sur cette même étoile, on conçoit qu'il sera possible de lui donner un poids relatif.

Le chercheur initié discernera d'abord un mouvement propre de cette étoile, ensuite il traitera les résidus (qui paraissent quelquefois impossibles à admettre), il saura imputer soit à l'observateur, soit à son instrument, ou bien encore à la méthode employée, la part qui explique en somme ce fort résidu. Par exemple, la lunette méri

dienne qui a fourni tant de données à l'Astronomie n'a pas toujours été manœuvrée comme il convenait; jusqu'en 1850, les astronomes s'évertuaient à la diriger le plus exactement possible dans le méridien, aussi les résultats s'en ressentaient; il était difficile à cette époque de relier les observations de la veille avec celles du jour et l'on n'avait de rapport entre ces observations que par l'indication de la pendule; cette vérification laissait grandement à désirer. Après 1850, on s'est abstenu de déplacer la lunette méridienne; chaque série d'observations fournissait des coefficients pour les réductions et l'on comparait ces coefficients, celui de l'azimut en particulier, de jour en jour. Aussi quand l'un de ces coefficients s'écartait outre mesure de celui que l'on devait obtenir par interpolation, on pouvait à bon droit suspecter les observations. Ainsi on a pu éviter depuis 1850 l'introduction de mauvaises données d'observations grâce uniquement à la méthode nouvelle que tous les observatoires ont adoptée à partir de cette époque.

Les pendules ont aussi fourni leur contingent d'erreurs; leurs anomalies de marche ont beaucoup retardé la fixation des points de repères célestes que l'on appelle *étoiles fondamentales* et qui furent observés avec beaucoup d'assiduité par nos prédécesseurs en Astronomie. Ils étaient hantés surtout par l'idée d'assigner une place à une étoile très éloignée angulairement de celles qu'ils avaient choisie pour origine de leurs déterminations (¹).

Actuellement, il existe 350 Catalogues d'étoiles. Il n'est donc plus possible de compiler les observations elles-mêmes. Certains astronomes ont consacré beaucoup de leur temps à discuter ces observations et surtout à les réduire. C'est qu'en effet les observations anciennes telles que celles de Bradley ont pour les observateurs actuels un prix inestimable. La précision des observations de Bradley jointe au long intervalle de temps qui s'est écoulé depuis 1750 a permis d'assigner des mouvements propres aux étoiles qu'il a observées. Ces mouvements propres, en général, sont forts petits; il serait absolument illusoire de vouloir les déterminer dans un laps de temps d'environ un quart ou même un demi-siècle. Notons seulement que ces mouvements propres sont d'autant plus faibles, en général, que les étoiles sont moins brillantes.

En consultant les Catalogues dont j'ai parlé ci-dessus, on peut se rendre compte

(¹) [illegible] Quant aux anomalies de marche des pendules, on [illegible] que le temps et les [illegible] On trouvera dans les Catalogues [illegible] pour 1850 [illegible] à ce sujet. Il ne faut pas oublier [illegible]

qu'un grand nombre d'entre eux nécessitent de grosses [illegible] et l'on ne peut songer à entreprendre à nouveau la réduction des observations elles-mêmes comme je l'ai expliqué. Pourtant, dans la construction d'un nouveau Catalogue, il n'est pas permis d'en faire abstraction, la position qu'on en tire n'intervînt-elle qu'à titre de vérification.

Dans ce cas, j'ai été obligé de me laisser aller à mon jugement. Ainsi, les positions et les mouvements propres des étoiles de ce Catalogue contiennent implicitement toutes les restrictions que j'ai déjà énumérées. Ce n'est donc pas un système distinct que je présente : les anomalies, la manœuvre des instruments, la bonne volonté des observateurs, etc. sont choses impossibles à mettre en équation. L'idée que je me suis faite de la valeur des observations après la compilation à laquelle je me suis livré a été pour ainsi dire mon seul guide, et, je le répète, ce Catalogue a été créé en vue d'éviter de nouvelles compilations (1).

En somme j'ai pu réunir [illegible] des deux hémisphères dont les positions, en nombre suffisant, sont basées sur les meilleurs Catalogues modernes.

J'ai adopté, comme coordonnées, l'ascension droite et la distance angulaire au pôle nord, comptée de 0° à 180°. La grandeur 7,0 a été admise pour limite : les étoiles sont groupées par zone de 1° de distance polaire et rangées dans chaque groupe par ascensions droites.

Si j'ai substitué ce classement mixte à celui par ascensions droites qui est ordinairement employé parce qu'il convient aux observations méridiennes, c'est surtout afin de rendre plus facile la recherche des étoiles observables avec l'astrolabe à prisme de MM. Claude et Driencourt (2) qui est actuellement l'instrument le plus précis et de beaucoup le plus pratique de l'Astronomie de position.

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(1) [illegible] sant pour déterminer des mouvements propres assez exacts pour prédire la position moyenne avec certitude pendant plus d'une vingtaine d'années, c'est-à-dire jusqu'en 1870.

(2) [illegible] de hauteur toutes les étoiles jusqu'à la 7e grandeur qui traversent ce petit cercle et qui sont, par suite, comprises entre les parallèles situés à 30° au nord et au sud du zénith. En 1 heure on peut prendre une quarantaine d'étoiles convenablement réparties dans les différentes directions azimutales et obtenir ainsi [illegible] tirer tout le parti possible de l'instrument en raison de la pénurie d'étoiles bien déterminées. Le présent Catalogue comble cette lacune en grande partie et ce n'est pas sa moindre utilité.

[illegible]

A vue, tous les Tableaux se divisent en deux parties se rapportant l'une à l'ascension droite, l'autre à la distance polaire. Je donne pour chaque étoile le numéro d'ordre, la grandeur, puis, dans la première partie, l'ascension droite pour 1900,0, ses dérivées première et seconde prises par rapport au temps ne contenant que les termes dus à la précession, enfin la composante de la vitesse propre en ascension droite. Dans la seconde partie, on trouve les éléments correspondants pour la distance polaire.

Nous avons adopté, pour unité de grandeur, la grandeur de l'étoile Aldébaran.

L'unité de temps qui se rapporte aux dérivées et aux composantes de la vitesse propre est un siècle.

Algébriquement on écrira, pour obtenir les coordonnées d'une étoile au commencement d'une année séparée de l'origine 1900 d'un temps t,

$$\alpha' = \alpha + t\left(\frac{d\alpha}{dt} + c_1\right) + \frac{t^2}{2}\frac{d^2\alpha}{dt^2},$$

$$\mathfrak{P}' = \mathfrak{P} + t\left(\frac{d\mathfrak{P}}{dt} + c_2\right) + \frac{t^2}{2}\frac{d^2\mathfrak{P}}{dt^2},$$

où c_1 et c_2 désignent respectivement les composantes de la vitesse propre en ascension droite et en distance polaire de l'étoile considérée, t étant exprimé en fraction de siècle.

Exemple. — On demande pour l'étoile cataloguée sous le n° 1189 la position moyenne pour le commencement de l'année tropique fictive 1906,0.

Sous ce numéro 1189 nous tirerons du Catalogue

$$\alpha = 2^h 14^m 5^s,71, \quad \frac{d\alpha}{dt} = +351^s,64, \quad \frac{d^2\alpha}{dt^2} = +2^s,27, \quad c_1 = +0^s,30,$$

$$\mathfrak{P} = 63^\circ 9' 5'',6, \quad \frac{d\mathfrak{P}}{dt} = -1512'',4, \quad \frac{d^2\mathfrak{P}}{dt^2} = +34'',4, \quad c_2 = +11'',1.$$

Pour la fraction de siècle nous aurons $t = 0,06$ puis $\frac{t^2}{2} = 0,0018$; en effectuant les produits, on obtiendra

α	$2^h 14^m 5^s,71$	$\mathfrak{P}$	$63^\circ 9' 5'',6$
$t\left(\frac{d\alpha}{dt} + c_1\right)$	$+ 21,158$	$t\left(\frac{d\mathfrak{P}}{dt} + c_2\right)$	$- 1.30,08$
$\frac{t^2}{2}\frac{d^2\alpha}{dt^2}$	$+ 0,004$	$\frac{t^2}{2}\frac{d^2\mathfrak{P}}{dt^2}$	$+ 0,06$
α'	$2^h 14^m 26^s,872$	$\mathfrak{P}'$	$63^\circ 7' 35'',58$

astronomes, élèves astronomes, ingénieurs, explorateurs, élèves des Universités et de toutes les personnes qui s'intéressent à la détermination des positions géographiques les divers instruments employés dans l'Astronomie de position; ils trouveront là tous les renseignements dont ils peuvent avoir besoin. Un service permanent y est établi.

Il ne reste plus qu'à calculer la position apparente d'une étoile à un instant donné.

A cet effet, on trouve, dans les recueils astronomiques publiés annuellement, des facteurs et des termes sous une forme indépendante de la position de l'étoile mais qui varient journellement. Ces valeurs numériques sont désignées par f, g, h, i, G et H et elles sont données de jour en jour, il est donc facile de les déterminer pour un instant donné de la journée.

En les introduisant, dans les formules ci-dessous, on obtiendra tout calcul fait :

1° Les corrections supplémentaires, pour la fraction d'année considérée, dues à la précession et au mouvement propre de l'étoile (1).

2° Les corrections représentant les déplacements engendrés par la nutation luni-solaire et par l'aberration.

Voici ces formules :

$$(a) \qquad \alpha'' = \alpha + \frac{1}{15}\left[f + g \sin(G + \alpha)\cot \mathfrak{P} + h \sin(H + \alpha)\operatorname{cosec}\mathfrak{P}\right] + \frac{\mu_1 \tau}{100},$$

$$\mathfrak{P}'' = \mathfrak{P} + g\cos(G + \alpha) + h\cos(H + \alpha)\cos\mathfrak{P} + i\sin\mathfrak{P} + \frac{\mu_2 \tau}{100},$$

où α'' et $\mathfrak{P}''$ représentent respectivement les ascension droite et distance polaire apparentes, α et $\mathfrak{P}$ les coordonnées dénommées moyennes que nous savons déjà calculer et τ la fraction d'année.

Exemple. — On demande, pour l'étoile cataloguée sous le n° 1189, la position apparente le 17 septembre 1906 à 15h, Temps moyen de Paris.

Dans la *Connaissance des Temps* pour 1906 (2), on trouve les valeurs ci-dessous (p. 364 et 365) pour 15h, temps moyen de Paris (3).

Nous nous servirons de la position moyenne déjà calculée pour le commencement de 1906 et nous disposerons l'opération totale comme il suit :

α = [illegible] $\mathfrak{P}$ = [illegible] 55″,08 τ = 0,71.

G = [illegible]   G + α = [illegible]

H = [illegible]   H + α = [illegible]

(1) Pour cette raison l'on ne doit pas comprendre dans le temps t de l'exemple précédent la fraction d'année [illegible] correspondante à la date pour laquelle on demande la position apparente.

(2) C'est le recueil le plus complet. On y trouve les positions apparentes de [illegible] étoiles environ. [illegible] du livre on donne un supplément de 550 étoiles tirées du Catalogue fondamental de Newcomb. Bientôt la *Connaissance des Temps* donnera toutes les étoiles de ce Catalogue. [illegible] et imprimé par Gauthier-Villars, quai des Grands-Augustins, 55, à Paris.

(3) Il ne faut pas oublier que les quantités f, g, h, i, G et H publiées par la *Connaissance des Temps* sont données pour minuit, temps moyen de Paris. La fraction de jour [illegible] ces quantités pour 15h [illegible] [illegible].

Pour l'ascension droite :

$\log \frac{1}{15}$	8,8239	$\log \frac{1}{15}$	8,8239	α	$2^h\ 44^m\ 26^s,872$
$\log g$	1,0155	$\log h$	1,2741	$\frac{1}{15} f$	+ 1,365
$\log \sin(G+\alpha)$	9,9770	$\log \sin(H+\alpha)$	9,8340	$\frac{1}{15} g \sin(G+\alpha) \cot \delta$ ..	+ 0,332
$\log \cot \delta$	9,7018	$\log \operatorname{cosec} \delta$	0,0496	$\frac{1}{15} h \sin(H+\alpha) \operatorname{cosec} \delta$.	+ 0,952
$\log \Sigma$	9,5217	$\log \Sigma$	9,9772	$\frac{7\nu_1}{100}$	+ 0,004
				Ascension droite apparente α ..	$2^h\ 44^m\ 29^s,525$

Pour la distance polaire :

$\log g$	1,0155	$\log h$	1,2741	$\log i$	0,9088
$\log \cos(G+\alpha)$	9,4960	$\log \cos(H+\alpha)$	$9,8666_n$	$\log \sin \delta$	9,9504
$\log g \cos(G+\alpha)$ ..	0,5115	$\log \cos \delta$	9,6552	$\log i \sin \delta$	0,8592
		$\log \text{ces } h \cos(H+\alpha) \cos \delta$.	$0,7959_n$		

δ		$63°\ 7'\ 35'',58$
$-g \cos(G+\alpha)$	—	3,25
$-h \cos(H+\alpha) \cos \delta$	+	6,25
$-i \sin \delta$	—	7,23
$\frac{7\nu_2}{100}$	+	0,08
Distance polaire apparente δ		$63°\ 7'\ 31'',43$

Les éléments donnés sont suffisants pour obtenir avec précision les positions d'une étoile à une date déterminée, ils peuvent servir sans modification pendant longtemps; cependant, lorsque l'on traitera les étoiles situées entre les pôles et les parallèles de 10°, les valeurs trigonométriques de la précession ne pourront plus être employées, on devra adopter le développement en séries, et les valeurs données dans le Catalogue ne serviront que pour une vérification approchée. Pour obtenir la position moyenne d'une façon précise, l'on doit employer les formules et les constantes suivantes qui sont déduites des valeurs données par Le Verrier, aux pages 207 et 208 du tome II des *Annales (Mémoires) de l'Observatoire de Paris*.

Soient :

A_0 et δ_0 les positions moyennes (ascension droite et distance polaire) d'une circompolaire, prises comme origine;

ν_1 et ν_2 les mouvements propres respectifs de chaque coordonnée;

A, δ, les positions moyennes que l'on cherche pour une autre époque, T.

On a

$$[illegible]$$

et les positions moyennes pour l'époque considérée se déduisent de

$$[illegible]$$

Nous donnons dans le Tableau suivant les valeurs des constantes ζ, z, θ. Ces valeurs restent les mêmes pour toutes les circompolaires et en les publiant de 5 années en 5 années l'interpolation reste des plus pratiques.

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1900,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1905,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1910,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1915,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1920,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1925,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Le logarithme de $\sin\theta$ ne peut s'interpoler, il faut donc faire l'interpolation de θ pour l'année considérée et chercher le logarithme du sinus, directement, dans une table de logarithmes. Afin d'obtenir la précision désirable, le calcul devra être fait avec une table de logarithmes à 8 décimales telle que celles de Dupuis, de Schroen ou mieux avec celle de Bruhns, publication allemande. La maison Firmin-Didot, de Paris, vient d'effectuer un nouveau tirage des tables stéréotypées de Bagay qui fournissent les logarithmes des fonctions trigonométriques de seconde en seconde d'arc; les calculateurs ont ainsi à leur disposition un manuel à 7 décimales leur rendant des plus faciles le calcul logarithmique.

De même, lorsqu'on voudra passer de la position moyenne de l'étoile circompolaire à la position apparente de la date, on devra compléter la formule de réduction.

Soient :

α_0, δ_0 les coordonnées moyennes pour le commencement de l'année tropique;

α, δ les coordonnées apparentes pour une date quelconque;

$$[illegible]$$

la formule [illegible] qui donne la *réduction au jour* [illegible].

$\Delta\mathcal{P}_m = -g\cos(G+\alpha) - h\cos(H+\alpha)\cos g - i\sin g$ [illegible] celle qui donne la *réduction au jour* en distance polaire.

Les formules complètes de la *réduction au jour* sont

$$A_1 = A_m + \Delta\alpha - \cot\mathcal{P}_0\,\Delta\alpha\,\Delta\mathcal{P}\,\text{arc}\,1'',$$
$$\mathcal{P}_1 = \mathcal{P}_m + \Delta\mathcal{P} + \frac{1}{2}\tang\mathcal{P}\,\Delta\alpha^2\,\text{arc}\,1''$$

$\Delta\alpha$ étant exprimé en secondes de temps et $\Delta\mathcal{P}$ en secondes d'arc, l'introduction des valeurs numériques donnera

$$A_1 = A_m + \Delta\alpha - [4.68557]\cot\mathcal{P}\,\Delta\alpha\,\Delta\mathcal{P},$$
$$\mathcal{P}_1 = \mathcal{P}_m + \Delta\mathcal{P} + [6.73673]\tang\mathcal{P}\,\Delta\alpha^2$$

les nombres entre crochets [ ] sont les logarithmes des coefficients. Le calcul de *réduction au jour* doit être fait avec une table de logarithmes à 5 décimales, et la *Connaissance des Temps* donne annuellement, d'une manière spéciale, les logarithmes à 5 décimales des constantes nécessaires pour la réduction des circompolaires.

Bien que l'on doive avoir rarement besoin de réduire une circompolaire, les recueils astronomiques donnant le plus grand nombre de nos étoiles, nous croyons néanmoins qu'il n'est pas sans utilité de faire ici une application des formules précédentes.

Soit à calculer la *position apparente pour le 24 juin 1906, minuit moyen de Paris de l'étoile n° 9 de notre Catalogue.*

Du Tableau des constantes nous tirons pour 1906 les valeurs de ε, ζ, η et de notre Catalogue les valeurs pour 1900,0 des [illegible] et mouvements propres.

Calcul de la position moyenne.

[illegible]

[illegible]	[illegible]				
[illegible]	[illegible]				
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
				[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]			[illegible]	[illegible]
		[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	log sin P	8,7713410
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]			P	[illegible]

[illegible]

[illegible]

[illegible]

en se servant des termes de la précession, variation séculaire et mouvement propre donnés dans le Catalogue on trouverait

[illegible]

L'accord complet des deux calculs s'explique par le fait que les termes du troisième ordre ne produisent pas d'effet sur cette étoile pour un intervalle de 6 années.

Calcul de la position apparente. — La *Connaissance des Temps* donne de 5 jours en 5 jours les logarithmes à 5 décimales des constantes A, B, C, D pour la réduction des étoiles circompolaires; on passe facilement de ces constantes aux valeurs f, G, g, H, h, et i qui interviennent dans notre formule de *réduction au jour*, au moyen des relations suivantes :

[illegible]

[illegible]

ω représente l'obliquité de l'écliptique.

On doit remarquer ici qu'on a négligé dans le calcul des constantes log C et log D, et par suite dans G et log g les termes dépendant de deux fois la longitude de la Lune qui n'ont aucune influence dans la *réduction au jour* des étoiles situées à plus de 10° du pôle, mais que l'on ne peut négliger pour les étoiles de déclinaison polaire (10") lorsque l'on veut avoir des positions rigoureuses. Pour tenir compte

de l'omission de ces termes, on ajoutera les corrections suivantes :

[illegible]

[illegible]

les valeurs de g et G sont données dans la *Connaissance des Temps* (constantes de réduction des étoiles).

Nous trouvons donc dans la *Connaissance des Temps* pour 1906, page 370, à la date juin 24,

[illegible]

Par les relations données plus haut, nous obtenons :

[illegible] $\log h = 1,31106$.

valeurs que nous pouvons vérifier avec celles qui sont données à 4 décimales pour les logarithmes, à la page 361. Nous trouvons à cette date juin 24 les trois valeurs $G = 59°$, $\log g' = 8,7346$ et $f' = 0^s,10$.

Nous pouvons disposer ainsi notre calcul de réduction au jour :

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	$\log h$	1,31106
[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]

[illegible]

[illegible]	[illegible]	[illegible]	[illegible]

L'étoile n° 9 de notre Catalogue est δ Petite Ourse. On peut donc vérifier avec la *Connaissance des Temps* toute l'exactitude et la rigueur des calculs.

Environ un tiers des étoiles de notre Catalogue se trouvent déjà dans le Catalogue de Newcomb et les positions apparentes sont données annuellement dans l'un des quatre recueils astronomiques existants; lorsqu'on observera l'une d'elles, on n'aura, par suite, aucun calcul à effectuer; du moins pour les recueils que l'on aura en mains.

CATALOGUE D'ÉTOILES BRILLANTES

COORDONNÉES MOYENNES POUR 1900.0.

L'unité de temps se rapportant à la précession, à la variation séculaire et au mouvement propre est multipliée par 100.

Pour l'époque T, on a

$$t = \frac{T - 1900,0}{100},$$

$$\text{Coordonnée}_T = \text{Coord.}_{1900,0} + t\,(\text{préc.} + \text{mouv. p.}) + \frac{t^2}{2}\,\text{var. séc.}$$

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1	6,5	0.55.36,83	[illegible]	[illegible]	+17,05	1.30.44,2	−1946,0	[illegible]	+ 2,1
2	2,1	1.22.33,19	[illegible]	[illegible]	[illegible]	1.13.33,4	−1876,0	+131,1	− 0,3
3	[illegible]	7.58. 2,67	+6552,86	3285,13	[illegible]	[illegible]	+ 987,5	+829,6	[illegible]
4	[illegible]	[illegible]	[illegible]	[illegible]	− 7,51	1.44.44,8	[illegible]	− 1,0	− 5,8
5	6,6	[illegible]	[illegible]	[illegible]	−10,46	[illegible]	− 706,0	+926,7	− 0,9
6	[illegible]	6.53.43,99	+2970,50	[illegible]	[illegible]	[illegible]	+ 465,7	[illegible]	+ 3,6
7	[illegible]	15. 9.20,70	[illegible]	[illegible]	[illegible]	2.22.56,0	[illegible]	+219,8	3,1
8	6,3	12.13.56,42	[illegible]	− 0,48	+27,61	[illegible]	[illegible]	− 2,2	+ 2,0
9	[illegible]	[illegible]	−1950,68	[illegible]	[illegible]	3.23.12,3	[illegible]	+283,7	− 4,7
10	[illegible]	[illegible]	−2236,38	29,08	[illegible]	[illegible]	− 68,2	+323,8	− 0,6
11	[illegible]	[illegible]	[illegible]	328,81	+ 3,00	3.22.35,2	−1533,3	+108,3	− 2,9
12	5,6	[illegible]	− 22,98	57,81	+ 6,21	3.14.38,9	[illegible]	[illegible]	[illegible]
13	4,5	[illegible]	[illegible]	147,99	[illegible]	[illegible]	[illegible]	+ 26,7	[illegible]
14	[illegible]	4. 5. 5,65	[illegible]	+ 179,77	[illegible]	[illegible]	[illegible]	+221,9	− 4,3
15	[illegible]	5.29.54,34	[illegible]	51,04	[illegible]	4.51.10,4	− 262,5	+270,4	+ 0,4
16	[illegible]	[illegible]	[illegible]	127,12	[illegible]	4.23.42,8	−1822,2	+ 25,3	− 4,4
17	5,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 59,2	+ 4,9
18	[illegible]	[illegible]	+ 527,11	+ 58,40	+ 2,84	6.50. 7,6	[illegible]	[illegible]	+ 2,0
19	5,8	[illegible]	[illegible]	+ 86,01	[illegible]	[illegible]	[illegible]	+163,7	−10,0
20	5,3	[illegible]	[illegible]	89,84	− 4,68	[illegible]	[illegible]	[illegible]	− 0,8
21	[illegible]	[illegible]	+ 42,70	[illegible]	[illegible]	6. 2.36,6	+1960,2	[illegible]	[illegible]
22	[illegible]	18.37.22,08	− 783,02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	5,0	[illegible]	[illegible]	[illegible]	[illegible]	6.11.20,4	−1925,6	+ 2,2	[illegible]
24	[illegible]	7.10. 3,67	[illegible]	52,17	+ 1,36	7.23.43,9	+ 603,3	[illegible]	+ 4,6
25	[illegible]	12. 6.30,62	+ 279,26	18,15	[illegible]	[illegible]	+2004,4	− 1,9	− 2,5
26	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+27,0
27	4,4	16.56.12,22	[illegible]	[illegible]	+ 0,57	7.47.52,3	+ 550,9	+ 88,1	[illegible]
28	[illegible]	[illegible]	− 408,92	[illegible]	+ 1,32	7.50.20,0	−1353,3	+ 44,3	[illegible]
29	[illegible]	[illegible]	[illegible]	23,25	[illegible]	7.22.36,2	−1906,8	[illegible]	[illegible]
30	[illegible]	[illegible]	+ 270,23	17,28	[illegible]	7.21.56,2	[illegible]	[illegible]	[illegible]
31	[illegible]	[illegible]	[illegible]	+ 20,62	[illegible]	7.35. 1,1	[illegible]	+ 0,3	+ 0,9
32	[illegible]	[illegible]	[illegible]	38,43	− 5,30	8. 3.30,1	[illegible]	[illegible]	− 8,5
33	[illegible]	2.33.20,91	[illegible]	+ 65,49	[illegible]	8.58.30,4	[illegible]	+ 74,8	[illegible]
34	[illegible]	[illegible]	+ 899,61	66,56	− 2,25	8.54.57,9	−1441,4	[illegible]	− 0,4
35	4,5	9.22.51,26	[illegible]	77,55	− 0,58	8.13.53,1	[illegible]	+ 81,6	[illegible]
36	[illegible]	10.25.44,45	[illegible]	56,64	− 0,61	8.59.23,9	+1838,1	[illegible]	+ 0,3
37	6,1	11.24.47,80	+ 447,05	[illegible]	− 6,90	[illegible]	+1981,6	[illegible]	− 3,0
38	6,8	[illegible]	[illegible]	[illegible]	+ 2,45	8.44.24,3	[illegible]	+ 6,5	+ 1,2
39	5,6	[illegible]	− 358,11	[illegible]	[illegible]	8.55.10,1	[illegible]	[illegible]	[illegible]
40	[illegible]	7.39.45,72	[illegible]	[illegible]	[illegible]	[illegible]	+ 845,6	[illegible]	[illegible]
41	6,2	10.33.37,94	[illegible]	[illegible]	+ 1,09	9. 3. 4,0	+1864,5	[illegible]	[illegible]
42	[illegible]	[illegible]	[illegible]	[illegible]	− 9,30	9.14.11,6	+1185,8	[illegible]	−12,9
43	6	[illegible]	[illegible]	35,23	+ 3,30	9.15.30,3	[illegible]	+ 35,6	−21,0
44	5,6	20.52. 8,05	[illegible]	[illegible]	[illegible]	9.49.21,4	[illegible]	+ 28,2	+ 2,5
45	[illegible]	0.20.41,86	[illegible]	[illegible]	[illegible]	10.30. 5,5	[illegible]	+ 5,6	[illegible]
46	6,9	1. 0.39,42	+ 495,53	34,51	− 3,50	10.31.18,8	[illegible]	[illegible]	[illegible]

N°s	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
47	5,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
48	[illegible]	2.52.46,70	[illegible]	[illegible]	− 1,01	10.58.35,0	[illegible]	+ 78,1	[illegible]
49	5,1	[illegible]	[illegible]	[illegible]	— 2,83	[illegible]	[illegible]	[illegible]	—15,5
50	5,6	[illegible]	[illegible]	[illegible]	— 2,57	10.19.37,9	[illegible]	[illegible]	[illegible]
51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 3,5	— 3,5
52	5,2	18. 7.31,60	[illegible]	— 2,29	[illegible]	10. 0.43,5	[illegible]	[illegible]	[illegible]
53	[illegible]	19.27.45,12	355,35	—19,62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
54	[illegible]	21.53.18,64	56,47	[illegible]	[illegible]	10.55.18,7	[illegible]	[illegible]	1,4
55	5,9	1.14.57,48	+ 512,86	+31,78	[illegible]	[illegible]	[illegible]	[illegible]	+ 1,0
56	[illegible]	10.51.57,80	+ 496,11	[illegible]	[illegible]	11.41.38,7	[illegible]	+ 20,1	+ 3,5
57	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,26	[illegible]	[illegible]	[illegible]	— 1,9
58	5,0	[illegible]	[illegible]	[illegible]	[illegible]	11.58.57,5	[illegible]	[illegible]	— 2,6
59	4,3	[illegible]	224,18	[illegible]	— 0,82	11.53.52,1	[illegible]	+ 26,7	0,4
60	5,8	[illegible]	50,29	— 8,95	[illegible]	11.43.26,3	—1838,7	[illegible]	— 4,6
61	[illegible]	22.28.59,87	[illegible]	[illegible]	[illegible]	[illegible]	—1849,3	— 2,5	+ 2,7
62	[illegible]	1.11.59,03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 22,4	[illegible]
63	5.5	3. 7.37,25	[illegible]	[illegible]	[illegible]	12.37.57,3	[illegible]	80,1	+ 5,5
64	[illegible]	6.45.29,18	+ 879,53	[illegible]	+ 2,22	12.53.42,5	[illegible]	[illegible]	[illegible]
65	[illegible]	[illegible]	+ 307,18	[illegible]	— 3,52	12.40.44,7	—2005,2	— 0,8	[illegible]
66	5,8	[illegible]	+ 306,78	[illegible]	[illegible]	12.32. 6,2	—2004,7	[illegible]	+ 9,1
67	[illegible]	[illegible]	[illegible]	—19,07	[illegible]	[illegible]	—1190,2	+ 21,5	[illegible]
68	[illegible]	[illegible]	[illegible]	[illegible]	— 3,42	[illegible]	[illegible]	+ 36,1	— 27,3
69	[illegible]	[illegible]	[illegible]	—12,35	[illegible]	[illegible]	+ 623,4	+ 38,4	[illegible]
70	5,8	[illegible]	287,24	[illegible]	[illegible]	12.31.51,0	— 301,4	[illegible]	— 0,8
71	[illegible]	20.12.15,76	[illegible]	—16,76	[illegible]	12.35.22,8	[illegible]	[illegible]	[illegible]
72	[illegible]	21. 7.30,41	112,50	—17,62	+ 1,02	[illegible]	—1463,2	— 11,6	[illegible]
73	[illegible]	23.35.14,48	+ 244,45	+ 7,53	[illegible]	12.55.32,7	[illegible]	[illegible]	[illegible]
74	7	[illegible]	274,62	[illegible]	+ 7,80	[illegible]	—2002,1	[illegible]	+ 9,0
75	[illegible]	0.10.33,14	[illegible]	[illegible]	+ 0,70	[illegible]	[illegible]	+ 3,1	[illegible]
76	[illegible]	[illegible]	[illegible]	[illegible]	+10,00	13.31.56,1	—1993,8	— 5,8	[illegible]
77	5,4	1.55. 5,80	[illegible]	[illegible]	+ 3,30	13.11.57,0	[illegible]	[illegible]	— 5,2
78	5.7	8. 6.59,24	765,18	— 25,83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
79	5,0	10.26.36,31	+ 523,35	—27,25	— 0,84	13.46.18,5	1840,5	[illegible]	[illegible]
80	[illegible]	14.27.43,87	[illegible]	[illegible]	[illegible]	13.51.33,8	[illegible]	— 0,9	— 2,1
81	[illegible]	16.13.40,28	176,78	[illegible]	+ 0,07	13.52.14,2	[illegible]	[illegible]	[illegible]
82	5,0	17.53.55,54	[illegible]	+ 0,79	[illegible]	[illegible]	— 53,1	[illegible]	—24,3
83	[illegible]	[illegible]	[illegible]	[illegible]	— 1,24	13. 5.30,6	[illegible]	— 34,7	[illegible]
84	[illegible]	20. 2.25,22	161,26	[illegible]	— 0,87	[illegible]	[illegible]	+ 20,5	[illegible]
85	[illegible]	21.16.47,91	[illegible]	[illegible]	[illegible]	13.24.31,7	1518,0	— 6,2	[illegible]
86	6,8	[illegible]	[illegible]	[illegible]	— 3,53	13.52.48,4	—1555,2	[illegible]	—15,4
87	7	0.38.12,33	[illegible]	[illegible]	+ 9,38	14.36.25,8	—1977,5	[illegible]	[illegible]
88	6,3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—1902,1	— 22,4	[illegible]
89	[illegible]	1.52.52,31	[illegible]	+25,39	[illegible]	[illegible]	—1766,9	[illegible]	— 2,0
90	5.3	[illegible]	[illegible]	—27,42	[illegible]	[illegible]	—1754,0	[illegible]	[illegible]
91	[illegible]	[illegible]	711,00	—26,55	[illegible]	14.35.36,5	—1239,1	[illegible]	— 0,6
92	6,0	[illegible]	[illegible]	+17,98	+ 0,97	[illegible]	— 723,6	[illegible]	[illegible]
93	[illegible]	[illegible]	[illegible]	+17,21	[illegible]	[illegible]	[illegible]	[illegible]	16,0
94	5.6	[illegible]	[illegible]	[illegible]	— 0,84	14.17. 3,5	[illegible]	— 3,3	[illegible]
95	[illegible]	16.15. 2,67	[illegible]	[illegible]	[illegible]	[illegible]	886,6	+ 20,1	[illegible]
96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25,3

N°s	GRANDEUR	𝒜 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	𝒟 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
97	5,4	18.49.36,16	−190,87	− 5,47	− 0,31	14.41. 2,5	+ 430,5	+ 27,4	− 5,1
98	6,0	20.55.55,18	− 65,72	−11,70	+ 0,64	14.27.41,1	−1392,5	− 7,4	− 3,2
99	6,6	22.11.28,49	+ 63,40	− 6,41	+ 0,67	14. 2. 6,4	−1784,6	− 3,5	− 0,7
100	5,7	22.50.51,09	+107,52	− 3,48	− 0,51	14.17.20,2	−1853,8	− 5,1	0,0
101	5,6	0.59. 2,29	+388,60	+16,49	− 0,50	15.33.30,6	−1975,7	− 10,4	+ 2,6
102	4,7	3. 1. 5,10	+638,78	+23,81	− 0,30	15.59.10,5	−1411,3	+ 66,2	7,8
103	7	3.54.57,76	+731,17	+22,51	+ 4,00	15. 5.32,2	−1040,7	+ 89,0	+28,0
104	7,0	5.23.56,52	+775,46	+ 7,15	+ 0,96	15.44.58,5	− 314,2	+111,6	+10,0
105	6,3	5.26.20,99	+799,88	+ 7,04	− 0,03	15. 1.20,0	− 293,3	+115,5	− 1,7
106	5,6	7.48.15,94	+727,42	−18,48	− 0,23	15.48.53,5	+ 911,9	+ 94,0	+ 3,7
107	2,2	14.50.59,65	− 21,31	+10,05	0,65	15.26. 8,9	+1472,1	+ 1,6	− 0,3
108	7,0	17.35.26,41	−165,23	+ 2,87	− 2,10	15.42.38,8	+ 214,5	+ 23,9	4,0
109	6,5	18.49.47,60	−166,87	4,87	+ 8,70	15.23.36,9	− 432,2	+ 21,8	− 5,0
110	5,2	20.52.49,95	− 74,33	10,22	+ 0,28	15.23.17,0	−1239,9	+ 9,0	+ 1,1
111	4,6	23. 4.42,97	+189,34	+ 2,46	+ 0,23	15. 9.11,4	−1946,6	5,8	− 3,2
112	7,0	23.25. 1,94	+233,14	+ 5,54	− 0,60	15.19.32,0	−1981,9	4,4	+ 0,9
113	6,5	23.47.31,60	+280,09	+ 9,00	+ 7,30	15. 0.45,9	−2002,3	− 1,4	− 8,0
114	6,5	2. 4. 7,85	+540,79	+22,38	+ 2,00	16.26.32,7	−1718,2	+ 41,0	+ 2,4
115	6,7	3.24.14,42	+647,53	+20,42	+ 0,30	16.59.31,0	−1260,2	+ 73,5	+ 4,3
116	6,3	8.28.35,78	+678,22	−22,19	0,41	16. 1.14,6	+1210,6	+ 78,2	+11,8
117	6,0	9.49.27,03	+548,32	−22,06	1,97	16.38.41,6	+1688,1	+ 42,1	+ 6,0
118	5,3	18.48.16,29	−147,72	− 4,18	0,17	16. 1.48,9	+ 419,3	+ 21,2	− 7,2
119	4,6	19.17.28,78	−109,58	− 5,89	3,10	16.49.48,3	− 664,9	+ 16,2	−11,0
120	6,6	21.51.36,97	+ 71,60	− 4,74	+ 1,00	16.46.15,0	−1698,3	5,0	− 1,6
121	5,2	22.33.17,98	+144,52	− 0,51	+ 3,98	16.52.33,5	−1863,0	7,4	2,4
122	5,6	23.11. 3,85	+210,49	+ 3,60	+ 1,90	16.18.50,3	−1959,7	5,7	+ 0,3
123	6,5	23.49.57,61	+287,02	+ 9,06	0,40	16. 8.46,2	−2002,8	− 1,0	+ 0,5
124	5,5	1.30.31,05	+470,63	+18,64	0,11	17.28.10,4	−1850,3	27,2	+ 0,2
125	5,3	2.28.31,01	+561,25	+20,59	0,52	17.37. 8,6	−1598,3	+ 50,0	− 1,7
126	6,0	4.21.54,63	+688,68	+14,16	+ 0,25	17.41.13,2	− 832,3	+ 91,4	+ 8,6
127	6,2	8. 9.39,32	+670,00	−17,81	0,48	17.16.56,9	+1074,9	+ 82,5	+ 5,0
128	5,5	9.33.45,09	+563,04	−21,18	0,72	17.17.34,4	+1610,7	+ 48,7	+ 3,4
129	6,5	12.22. 4,15	+266,52	− 6,65	− 3,57	17.30.56,9	+1996,0	− 4,5	+ 0,8
130	6,1	13.23.35,01	+152,19	+ 0,77	+ 0,13	17. 5.21,5	+1872,8	− 8,7	1,9
131	6,5	15. 0.19,03	+ 13,20	+ 7,30	− 8,70	17.50.38,2	+1415,8	1,9	9,0
132	5,1	15.17.10,43	− 8,12	+ 7,40	+ 0,80	17.48.47,5	+1307,8	+ 0,4	− 0,3
133	5,1	15.20.55,11	− 12,48	+ 7,38	0,20	17.48.36,7	+1282,7	+ 0,9	1,3
134	4,5	17.43.42,94	−107,92	1,95	+ 0,21	17.48. 7,3	+ 142,3	+ 15,6	+26,8
135	5,6	17.56.55,06	−104,48	+ 0,29	+ 0,06	17.59. 7,0	+ 27,0	+ 15,2	+ 0,3
136	3,7	18.22.51,68	−119,44	0,85	+11,72	17.18.38,0	− 199,6	+ 14,1	37,5
137	6,4	20.30.26,11	− 22,38	− 6,80	0,47	17.48.24,6	−1223,4	+ 3,2	1,8
138	5,2	21.57.49,42	+ 89,12	− 3,71	1,50	17.17.46,4	−1726,5	5,6	+16,7
139	6,4	1. 9. 0,40	+423,82	+15,14	0,50	18.47. 5,9	−1915,0	+ 18,9	− 0,9
140	4,1	1.54.55,20	+504,16	+18,94	0,92	18. 3.45,2	−1758,0	+ 35,9	− 2,0
141	6,5	2. 0.29,65	+502,98	+17,38	+ 6,10	18.55. 3,7	−1734,7	+ 36,0	24,0
142	7,0	2.32.37,47	+549,81	+18,43	0,40	18.48.15,0	−1576,7	+ 49,8	0,2
143	6,5	3.19.26,85	+613,55	+17,89	+ 0,10	18.29. 4,0	−1289,2	+ 68,7	− 0,6
144	4,7	3.59.47,81	+625,41	+14,94	+ 0,60	18.58.33,1	−1151,3	+ 71,5	+ 5,7
145	5,7	13.34.46,87	+144,35	+ 1,29	0,90	18.14.56,4	+1835,7	9,1	+ 1,1
146	4,2	18.22.11,54	− 85,41	1,13	0,16	18.42.55,6	+ 193,8	+ 12,5	2,4

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	𝒟 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
147	4,9	[illegible]	[illegible]	[illegible]	− 1,15	18.50.10,8	[illegible]	[illegible]	[illegible]
148	6,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8,1
149	6,0	21. 5.47,50	+ 58,81	[illegible]	[illegible]	[illegible]	−1453,0	[illegible]	13,0
150	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
151	6,7	22. 8.17,71	−118,86	− 2,05	0,00	18.22.52,7	−1771,7	[illegible]	[illegible]
152	6,5	[illegible]	[illegible]	+15,18	+ 1,29	[illegible]	−1951,2	+14,0	[illegible]
153	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1763,3	+34,2	[illegible]
154	[illegible]	[illegible]	681,95	[illegible]	[illegible]	[illegible]	+ 472,8	+96,7	1,0
155	6,0	[illegible]	[illegible]	−13,07	[illegible]	19.59.21,2	[illegible]	[illegible]	[illegible]
156	[illegible]	9.25.38,87	−539,66	[illegible]	[illegible]	19.43.48,1	+1567,0	[illegible]	[illegible]
157	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1903,6	+19,7	[illegible]
158	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1988,4	− 5,6	1,0
159	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.59.12,4	[illegible]	[illegible]	[illegible]
160	6,8	20.32.12,68	[illegible]	[illegible]	[illegible]	19.48.39,7	−1236,0	[illegible]	[illegible]
161	[illegible]	[illegible]	[illegible]	− 3,50	[illegible]	19.52.41,9	[illegible]	− 6,5	0,5
162	6	[illegible]	[illegible]	− 3,52	[illegible]	19. 8.35,0	−1631,2	[illegible]	8,0
163	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19. 8.56,7	−1644,4	[illegible]	9,3
164	[illegible]	[illegible]	[illegible]	+14,60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
165	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 1536,7	[illegible]	[illegible]
166	[illegible]	6. 7.49,70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
167	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.59.43,2	[illegible]	[illegible]	[illegible]
168	5,8	[illegible]	[illegible]	−16,07	[illegible]	[illegible]	[illegible]	+44,4	[illegible]
169	6,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+30,0	1,7
170	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1871,3	[illegible]	3,4
171	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
172	5,6	[illegible]	[illegible]	[illegible]	1,91	20. 7.14,8	[illegible]	6,0	[illegible]
173	5,3	[illegible]	[illegible]	[illegible]	0,70	20.14.41,3	[illegible]	5,2	6,4
174	5,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 787,9	[illegible]	176,0
175	6	[illegible]	[illegible]	[illegible]	[illegible]	20.36.13,6	−1853,0	[illegible]	[illegible]
176	5,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
177	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.34. 5,3	[illegible]	[illegible]	11,7
178	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1837,1	+26,4	[illegible]
179	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+50,6	1,1
180	5,8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
181	5,5	[illegible]	[illegible]	[illegible]	[illegible]	21.13.53,1	+1024,0	[illegible]	[illegible]
182	5,0	8.53.32,04	[illegible]	−13,58	[illegible]	21.58.50,1	[illegible]	[illegible]	1,6
183	5,5	10.34.41,72	[illegible]	−13,58	[illegible]	[illegible]	[illegible]	+22,5	3,4
184	6,5	[illegible]	[illegible]	+ 0,95	[illegible]	[illegible]	+1784,5	−10,7	[illegible]
185	6,8	[illegible]	[illegible]	+ 2,34	[illegible]	21.45.36,8	[illegible]	−10,4	[illegible]
186	6,6	[illegible]	[illegible]	[illegible]	[illegible]	21.51.35,1	[illegible]	− 5,1	+ 15,0
187	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
188	[illegible]	16.28.10,57	[illegible]	[illegible]	[illegible]	21. 0.55,8	− 781,9	+ 1,6	− 3,6
189	5,2	17.32.21,78	[illegible]	[illegible]	[illegible]	21.48. 4,6	[illegible]	+ 3,6	[illegible]
190	[illegible]	[illegible]	[illegible]	[illegible]	0,1	[illegible]	[illegible]	+ 5,0	[illegible]
191	[illegible]	[illegible]	[illegible]	− 0,41	[illegible]	21.16.49,3	[illegible]	+ 5,2	[illegible]
192	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.26.22,8	[illegible]	[illegible]	[illegible]
193	—	[illegible]	[illegible]	[illegible]	− 3,95	[illegible]	−1927,3	+16,5	[illegible]
194	[illegible]	1.11.27,64	[illegible]	−11,58	[illegible]	22.42.38,1	[illegible]	[illegible]	[illegible]
195	[illegible]	1.18.51,76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,1
196	5,5	1.34.55,73	[illegible]	−12,86	+ 0,88	[illegible]	[illegible]	[illegible]	0,2

Nos	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
197	5,9	[illegible]	[illegible]	[illegible]	− 0,60	22.36. 0,5	−1556,7	−47,6	− 2,9
198	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.19. 3,8	+ 352,8	+90,1	− 1,6
199	5,3	8.59.37,02	+533,33	[illegible]	+ 0,08	22.43.30,8	+1415,6	[illegible]	+ 4,7
200	[illegible]	[illegible]	+534,24	−13,34	− 0,03	22.27.33,9	[illegible]	+54,1	+ 6,7
201	5,5	11.36.53,96	+339,38	− 8,50	− 0,80	22.42. 5,9	+1994,5	[illegible]	− 3,5
202	5,8	[illegible]	[illegible]	[illegible]	0,00	22.39.49,6	+1969,2	− 7,6	+ 0,4
203	5,6	[illegible]	+230,39	[illegible]	[illegible]	[illegible]	+1945,8	− 8,9	+ 1,3
204	5,3	[illegible]	[illegible]	+ 3,93	+ 3,71	22.16.24,9	[illegible]	− 8,3	[illegible]
205	6,3	[illegible]	[illegible]	+ 3,66	[illegible]	22.36. 8,9	[illegible]	− 3,1	+ 4,7
206	3,2	[illegible]	[illegible]	− 2,35	[illegible]	[illegible]	[illegible]	− 0,3	− 8,8
207	[illegible]	20. 2.22,06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 3,1	− 3,4
208	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.15.38,8	−1036,3	− 3,1	[illegible]
209	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	22.26. 8,4	[illegible]	− 6,2	[illegible]
210	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,24	22.44.55,8	[illegible]	− 2,2	[illegible]
211	6,5	0.28.35,07	[illegible]	+ 8,65	[illegible]	23.48. 4,3	−1989,6	+ 7,0	[illegible]
212	7	1.34.10,50	[illegible]	[illegible]	+11,76	23.35.21,8	−1838,3	+25,5	[illegible]
213	[illegible]	2. 6.37,73	+465,19	+12,30	− 0,20	[illegible]	[illegible]	+36,3	+ 0,2
214	[illegible]	2.20.49,31	+488,33	[illegible]	0,03	[illegible]	−1638,0	[illegible]	− 1,0
215	5,8	3.36.32,77	[illegible]	[illegible]	[illegible]	[illegible]	−1174,8	+66,5	+10,3
216	[illegible]	[illegible]	+593,42	+ 6,78	+ 0,38	[illegible]	[illegible]	+82,2	[illegible]
217	6,5	[illegible]	[illegible]	+ 6,53	[illegible]	23.19. 2,1	[illegible]	+83,9	+33,0
218	5,0	10.16.55,88	+438,17	−11,60	[illegible]	[illegible]	+1805,4	+27,0	[illegible]
219	5	10.35. 7,47	[illegible]	[illegible]	− 2,83	[illegible]	+1869,3	+21,4	+ 7,1
220	[illegible]	[illegible]	[illegible]	+ 2,81	[illegible]	[illegible]	[illegible]	[illegible]	− 2,0
221	[illegible]	[illegible]	[illegible]	+ 2,86	+ 0,70	23.49.42,2	[illegible]	[illegible]	+12,1
222	6,5	[illegible]	[illegible]	− 2,79	+ 8,00	23.28. 3,5	[illegible]	− 6,8	[illegible]
223	6,2	21.46.49,04	+139,88	[illegible]	[illegible]	[illegible]	−1676,1	−10,5	[illegible]
224	[illegible]	22.59.44,09	+226,69	+ 3,05	+ 0,10	23.19.47,7	−1936,3	− 7,8	[illegible]
225	5,5	[illegible]	+520,38	+11,27	− 0,50	[illegible]	−1362,7	+55,9	[illegible]
226	5	3.11.10,99	+522,43	[illegible]	− 0,40	[illegible]	−1347,0	+56,7	[illegible]
227	6,6	3.57.17,35	[illegible]	[illegible]	+ 0,03	24.45.10,2	−1023,1	+70,0	[illegible]
228	6,0	[illegible]	+600,43	+ 2,61	− 0,12	24.21.23,7	− 240,8	+87,0	+ 3,3
229	5,3	6. 2.47,43	[illegible]	[illegible]	[illegible]	24.15.42,3	+ 24,4	+88,0	+ 3,8
230	5,3	8.25.39,05	[illegible]	−10,35	[illegible]	24.30.50,1	+1190,4	+63,5	+ 6,3
231	[illegible]	10.10.46,63	[illegible]	[illegible]	1,40	[illegible]	+1781,3	+28,6	+ 1,3
232	[illegible]	[illegible]	[illegible]	− 3,19	− 0,03	24. 1. 8,8	+1954,3	− 8,6	[illegible]
233	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.46.58,0	+1784,2	−12,4	+ 0,7
234	5	16.55.28,56	[illegible]	[illegible]	3,80	[illegible]	[illegible]	− 4,3	[illegible]
235	3,2	17. 8.29,79	[illegible]	+ 1,90	0,21	[illegible]	[illegible]	− 2,5	[illegible]
236	5,0	18.25.41,90	+ 15,75	[illegible]	1,58	24.29.54,9	[illegible]	[illegible]	[illegible]
237	5,8	18.35.54,40	[illegible]	− 0,86	0,12	24.36. 2,9	− 312,8	− 2,6	− 9,5
238	[illegible]	19. 9.23,44	[illegible]	[illegible]	0,10	24.11.19,8	[illegible]	− 3,0	[illegible]
239	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.28.41,1	[illegible]	[illegible]	− 3,0
240	7	[illegible]	[illegible]	+ 1,70	− 3,50	24. 0.36,2	−1876,6	[illegible]	−38,0
241	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.19.32,2	−1901,4	− 9,0	[illegible]
242	[illegible]	[illegible]	[illegible]	[illegible]	0,25	24.55.39,7	[illegible]	[illegible]	+ 8,9
243	[illegible]	[illegible]	[illegible]	[illegible]	0,01	25.30.46,8	[illegible]	[illegible]	+ 1,9
244	[illegible]	1.14.24,17	[illegible]	[illegible]	[illegible]	25.51.58,4	[illegible]	[illegible]	+ 4,9
245	[illegible]	[illegible]	[illegible]	[illegible]	0,70	25.22.36,6	[illegible]	+32,3	[illegible]
246	[illegible]	5.27.34,25	[illegible]	+ 2,73	[illegible]	[illegible]	− 282,8	+83,7	[illegible]
247	[illegible]	8.31.28,50	+530,29	[illegible]	1,07	25.19.21,7	[illegible]	+60,8	[illegible]

N°[s]	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
248	5,6	8.48. 3,14	[illegible]	−10,78	[illegible]	[illegible]	+1342,1	[illegible]	[illegible]
249	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.53.11,7	[illegible]	+39,1	[illegible]
250	[illegible]	11.16.55,02	[illegible]	− 8.49	[illegible]	25. 7.19.9	[illegible]	[illegible]	− 3.0
251	[illegible]	[illegible]	−238.33	[illegible]	[illegible]	25.51. 9.4	[illegible]	[illegible]	[illegible]
252	3,6	[illegible]	[illegible]	+ 0,50	− 0,71	25. 8.46,5	[illegible]	[illegible]	[illegible]
253	5,8	[illegible]	+ 84.82	+ 2.64	[illegible]	25.27.18.5	−1224,0	−10.3	− 7,0
254	5,0	[illegible]	[illegible]	+ 2,32	+ 0,01	[illegible]	− 684,0	− 5.8	+ 1,5
255	5,0	18.13.19,28	[illegible]	[illegible]	[illegible]	25.38.12,0	[illegible]	[illegible]	[illegible]
256	6,5	[illegible]	[illegible]	[illegible]	0,00	[illegible]	[illegible]	− 6.2	− 0,6
257	[illegible]	[illegible]	+ 64.34	[illegible]	− 0,22	25.27.33.1	−1005.9	− 7.7	+ 2,2
258	6.9	[illegible]	[illegible]	[illegible]	[illegible]	25.38.53,4	−1011,9	− 8.0	[illegible]
259	5,3	21.17.17,64	[illegible]	[illegible]	− 0,08	[illegible]	[illegible]	[illegible]	[illegible]
260	4	22. 0.53,78	+170.28	+ 0,27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
261	5,5	0. 1.14.39	+308.73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 1,3
262	[illegible]	[illegible]	[illegible]	− 8.38	[illegible]	26.17.48.7	[illegible]	+11,0	[illegible]
263	6	[illegible]	[illegible]	+ 9.92	[illegible]	26.38.27.6	[illegible]	[illegible]	[illegible]
264	3.5	[illegible]	+426,41	[illegible]	[illegible]	26.49.20,3	[illegible]	+28.9	[illegible]
265	[illegible]	[illegible]	[illegible]	+10.61	− 0,08	[illegible]	[illegible]	[illegible]	− 0,4
266	[illegible]	[illegible]	+558,48	[illegible]	− 0,84	26.39.55,4	− 663.3	−77.0	−10,2
267	[illegible]	[illegible]	+547.03	[illegible]	[illegible]	26.55.42,0	+ 826,9	−72,5	[illegible]
268	5	9. 2.40,66	[illegible]	−10,35	[illegible]	26. 4.46,5	+1434,4	−50,3	+ 6.9
269	[illegible]	9.23.39,06	[illegible]	−10.33	+ 1,83	26.30. 2,9	[illegible]	+43,5	− 2,4
270	6,0	[illegible]	[illegible]	− 5.81	− 0,85	[illegible]	+2005,2	− 0,9	+ 8,5
271	6,0	12.37.11.88	+264.37	[illegible]	[illegible]	26.44.16,6	+1978,3	− 7.0	+ 1,8
272	6,5	13.22.34,84	[illegible]	[illegible]	[illegible]	26.13.31,4	[illegible]	−11,3	−22,0
273	[illegible]	14.28.23.50	+144,63	[illegible]	[illegible]	26.22.20,2	+1599.4	−13,0	0,0
274	6.8	16.31.37,99	+ 63,51	+ 2,05	[illegible]	26.56.16,5	+ 754,1	− 8.9	− 3,0
275	[illegible]	22.34. 6,84	+210,19	+ 1,81	[illegible]	26.45. 1,7	[illegible]	−10.5	− 2,8
276	[illegible]	[illegible]	+212,01	+ 1,86	[illegible]	26.56. 7,6	[illegible]	−10,4	+ 2,4
277	[illegible]	0.27.18,77	[illegible]	[illegible]	[illegible]	27.37.12,4	−1990.5	+ 6,7	+ 0,2
278	7	[illegible]	[illegible]	[illegible]	+ 2,21	27. 0 2,2	[illegible]	+46,3	+14,7
279	5,2	3.33.28,39	[illegible]	− 8,95	[illegible]	27. 6.26,3	−1196,1	[illegible]	− 2,6
280	5,8	5.20.43.46	[illegible]	[illegible]	+ 0,03	27. 0.58,6	[illegible]	−81,4	+ 0,7
281	6,8	[illegible]	+556.45	− 2,03	[illegible]	27.59.27,5	+ 272,8	−80.3	− 2.2
282	[illegible]	8.10.35,13	[illegible]	[illegible]	[illegible]	27.11. 1,4	+1081,6	−64,4	[illegible]
283	5.6	[illegible]	[illegible]	[illegible]	− 0.22	27.39.48,9	+1323.0	+54.4	− 2,6
284	6,5	10.57.11,47	[illegible]	− 8,29	− 2,40	27.48.22,0	[illegible]	+14,9	+ 8,0
285	[illegible]	10.57.33,66	[illegible]	− 8,04	[illegible]	27.42.32,7	+1930,7	[illegible]	+ 7,1
286	6	[illegible]	[illegible]	[illegible]	[illegible]	27.40.38,3	[illegible]	+ 8,0	−26,0
287	7,0	[illegible]	[illegible]	[illegible]	[illegible]	27.15. 1,6	+1990,0	+ 5,3	[illegible]
288	5,2	[illegible]	[illegible]	+ 2,25	[illegible]	27. 5.29,2	+1112,7	[illegible]	[illegible]
289	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	27.28.36,3	[illegible]	− 8,7	[illegible]
290	[illegible]	20.27.54.30	+100,75	− 1,52	+ 0,65	27.20.31,6	[illegible]	[illegible]	+ 1,8
291	[illegible]	21.16.11.62	+141,37	[illegible]	[illegible]	27.50.17.5	−1514,1	[illegible]	[illegible]
292	[illegible]	22. 0.52.99	+179.00	+ 0,50	[illegible]	27.22. 0.3	[illegible]	[illegible]	[illegible]
293	[illegible]	[illegible]	+181,87	[illegible]	+ 0,32	27.42. 8,5	−1744,7	[illegible]	− 5,1
294	6,8	22.10.40,86	+188,53	[illegible]	− 0,66	27.20. 1,9	−1781,4	−11.9	[illegible]
295	5,4	0.19.16,23	[illegible]	[illegible]	+ 0,08	28.43.22,7	[illegible]	+ 4,8	− 0,6
296	6,0	[illegible]	[illegible]	[illegible]	+ 2,00	28.53.13,7	−1490,1	[illegible]	[illegible]
297	7	[illegible]	+477,05	[illegible]	+10,60	28.40. 7,0	−1442,8	−48,6	[illegible]
298	6,1	6.28.33,22	[illegible]	[illegible]	− 2,66	28.25.51.0	[illegible]	[illegible]	+27,7

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
299	3,5	[illegible]	[illegible]	−7,68	− 1,60	28°.56′.50″,6	+1163″,8	[illegible]	[illegible]
300	5,2	9. 6.26,39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 3,0
301	6,7	[illegible]	+187,03	[illegible]	[illegible]	28. 1.34,7	+1760,4	−13,8	−21,0
302	[illegible]	[illegible]	+148,13	[illegible]	[illegible]	28.18.43,2	+1538,5	[illegible]	[illegible]
303	[illegible]	[illegible]	+ 80,71	+1,83	[illegible]	28.15.34,2	+ 826,3	−11,0	− 5,8
304	[illegible]	17. 6.57,44	+ 69,77	[illegible]	[illegible]	28.42.57,1	+ 460,0	[illegible]	− 6,0
305	5,5	17.33.57,36	[illegible]	+0,96	+ 3,50	28. 2.55,8	+ 227,5	− 8,8	+50,0
306	[illegible]	20. 9.56,72	[illegible]	[illegible]	+ 1,83	28.13.27,8	[illegible]	−12,0	− 7,0
307	[illegible]	20.17.56,60	[illegible]	[illegible]	[illegible]	28. 3.37,0	−1135,3	−11,6	[illegible]
308	3,6	[illegible]	[illegible]	[illegible]	+ 1,35	28.32.58,8	−1310,3	[illegible]	−82,0
309	[illegible]	21.34.30,84	+159,11	[illegible]	+ 0,46	28. 8.57,8	−1614,6	[illegible]	−13,0
310	[illegible]	21.35.14,29	+161,08	−0,15	[illegible]	28.22. 8,9	−1618,3	−13,2	[illegible]
311	6,5	21.52.20,93	[illegible]	+0,43	[illegible]	28.55.58,1	−1702,1	[illegible]	+ 0,9
312	[illegible]	[illegible]	+184,59	+0,66	+ 1,04	28.12.24,2	[illegible]	−12,5	+ 3,3
313	[illegible]	23.20.23,58	+264,49	+3,93	− 0,04	28.15.58,4	[illegible]	− 5,8	+ 1,0
314	5,5	[illegible]	[illegible]	[illegible]	[illegible]	28.20.29,8	−2000,3	− 2,2	[illegible]
315	6,1	23.59. 4,48	+306,27	+5,67	− 0,38	28.16. 9,2	[illegible]	+ 0,6	+ 0,5
316	5,5	0.47. 5,81	+355,63	+7,05	− 1,14	29.25.27,6	−1963,0	+10,7	−16,0
317	2,3	[illegible]	+358,35	+7,23	+ 0,36	[illegible]	[illegible]	+12,3	[illegible]
318	5,1	3.48.36,42	[illegible]	[illegible]	+ 0,03	[illegible]	−1087,4	[illegible]	[illegible]
319	[illegible]	4.13. 5,55	+518,29	[illegible]	+ 0,72	29.30. 8,0	[illegible]	[illegible]	[illegible]
320	[illegible]	4.54.31,18	[illegible]	+4,07	− 0,04	29.42.13,7	− 565,0	[illegible]	[illegible]
321	[illegible]	7. 0.40,33	+539,56	[illegible]	[illegible]	[illegible]	[illegible]	+75,9	+ 5,2
322	[illegible]	[illegible]	+516,07	[illegible]	[illegible]	29.24. 7,5	+ 950,2	+65,8	[illegible]
323	7	10.31.47,66	[illegible]	[illegible]	− 0,60	29.21. 2,1	+1858,5	+21,8	+18,0
324	[illegible]	12.44.18,42	+261,19	−3,25	[illegible]	[illegible]	[illegible]	− 8,1	− 0,2
325	[illegible]	13.24.46,94	+221,96	[illegible]	− 1,07	29.32.16,2	[illegible]	−12,4	− 2,6
326	[illegible]	14.28.59,92	[illegible]	+0,63	− 0,72	29.20. 1,9	+1595,8	−15,0	+ 0,3
327	[illegible]	14.59. 6,49	[illegible]	[illegible]	− 0,51	29.24.10,2	+1423,4	−15,0	[illegible]
328	6,6	[illegible]	+121,75	+1,66	[illegible]	[illegible]	+1273,1	−13,7	−19,0
329	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29.10.47,5	+ 392,5	−10,5	[illegible]
330	6,3	[illegible]	[illegible]	[illegible]	[illegible]	29. 3.29,3	[illegible]	[illegible]	[illegible]
331	6	20.38.10,46	+127,70	[illegible]	+ 0,10	29.51.23,5	−1276,7	−14,0	[illegible]
332	6,2	20.40.31,64	+128,51	[illegible]	− 0,18	29.45.33,0	[illegible]	−13,8	+ 2,7
333	[illegible]	21.42.33,79	+173,05	[illegible]	[illegible]	29.20.26,6	−1654,9	−13,5	[illegible]
334	5,6	21.44.28,24	+177,00	+0,30	− 0,31	29.46.17,3	−1664,8	−13,7	+ 0,1
335	[illegible]	23.56.30,69	[illegible]	+5,33	+ 0,20	29.20. 2,0	−2005,0	[illegible]	[illegible]
336	[illegible]	[illegible]	+384,82	[illegible]	+ 4,06	30.17. 3,4	−1886,0	[illegible]	+ 3,7
337	4,2	3.20.58,09	+482,30	[illegible]	+ 0,27	30.24.29,0	[illegible]	[illegible]	[illegible]
338	7	3.47.55,17	+496,37	+6,85	[illegible]	30.39.28,9	−1092,6	+60,8	−17,3
339	5,2	5.46. 0,39	+537,13	+1,01	− 0,13	30. 8. 3,7	[illegible]	+78,2	[illegible]
340	4,3	6.10.48,12	[illegible]	−0,53	+ 0,11	30.57. 9,8	[illegible]	[illegible]	− 3,0
341	[illegible]	[illegible]	+530,60	[illegible]	− 0,41	30.25.58,4	+ 384,9	+75,9	+ 3,6
342	5	7. 7.11,00	+527,31	−3,84	− 1,58	30.11. 3,4	[illegible]	+73,5	+25,8
343	3,9	[illegible]	[illegible]	−8,09	− 3,83	30.29.26,9	+1661,4	+34,1	[illegible]
344	[illegible]	10.45. 6,73	[illegible]	[illegible]	− 0,79	30. 8.56,5	+1899,1	[illegible]	+ 4,5
345	[illegible]	[illegible]	+206,98	−0,80	− 0,44	[illegible]	+1790,5	[illegible]	0,0
346	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−15,0	[illegible]
347	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30.17.58,6	+1484,5	−15,4	[illegible]
348	[illegible]	15.22.42,34	+133,00	+1,32	[illegible]	30.41. 1,5	+1270,4	−15,6	− 1,0
349	[illegible]	18.49.43,63	[illegible]	−0,46	+ 1,16	[illegible]	− 431,6	−12,6	[illegible]
350	6,0	[illegible]	+107,05	−0,92	[illegible]	[illegible]	− 898,5	−13,6	[illegible]

N°	Grandeur	α 1900,0	Précession	Variation séculaire	Mouvement propre	δ 1900,0	Précession	Variation séculaire	Mouvement propre
351	[illegible]	[illegible]	[illegible]	−0,42	[illegible]	30.25.28,5	[illegible]	[illegible]	[illegible]
352	[illegible]	22. 0.38,37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−13,0	[illegible]
353	[illegible]	[illegible]	+265,84	[illegible]	0,00	[illegible]	[illegible]	− 6,3	+ 0,2
354	[illegible]	[illegible]	+310,90	+5,43	[illegible]	[illegible]	−2004,4	[illegible]	[illegible]
355	6,5	[illegible]	[illegible]	[illegible]	− 0,89	[illegible]	[illegible]	[illegible]	+ 8,0
356	5,1	[illegible]	[illegible]	+3,65	− 0,11	31.10. 3,1	[illegible]	[illegible]	[illegible]
357	[illegible]	[illegible]	[illegible]	−3,66	[illegible]	[illegible]	[illegible]	[illegible]	− 1,2
358	5,3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
359	[illegible]	[illegible]	[illegible]	−0,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
360	6,0	6.22. 6,15	+522,09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 32,6
361	6,5	6.27.33,31	[illegible]	[illegible]	[illegible]	31.48.37,8	[illegible]	[illegible]	[illegible]
362	[illegible]	6.48.37,26	[illegible]	−2,69	[illegible]	31.26.45,8	[illegible]	−74,1	[illegible]
363	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 803,8	[illegible]	− 5,6
364	5,9	[illegible]	[illegible]	−6,14	[illegible]	31.56.42,0	[illegible]	− 59,2	− 4,3
365	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31. 2.38,5	[illegible]	− 5,4	[illegible]
366	[illegible]	16. 0. 0,92	[illegible]	[illegible]	[illegible]	31.10. 3,8	[illegible]	−14,1	−34,0
367	6,0	[illegible]	[illegible]	− 0,80	− 0,05	31.15.53,6	[illegible]	−13,0	− 0,7
368	4,9	[illegible]	− 88,11	−0,08	[illegible]	[illegible]	[illegible]	−12,7	[illegible]
369	6,5	19.29.28,36	[illegible]	[illegible]	[illegible]	31.37. 1,0	− 763,2	−13,3	+ 40,0
370	5,3	[illegible]	[illegible]	−1,10	[illegible]	31. 4.43,6	[illegible]	−13,2	− 2,0
371	6,6	22. 8.29,58	[illegible]	[illegible]	[illegible]	31.24.42,3	[illegible]	−13,2	− 6,8
372	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.12.34,5	[illegible]	− 8,0	− 0,7
373	5,2	23.42. 9,86	[illegible]	[illegible]	[illegible]	[illegible]	−1999,2	[illegible]	[illegible]
374	6,5	[illegible]	+308,22	−4,90	[illegible]	32. 7.15,1	[illegible]	[illegible]	− 3,0
375	3,6	[illegible]	[illegible]	− 6,50	[illegible]	[illegible]	−1969,4	[illegible]	[illegible]
376	5,2	[illegible]	[illegible]	−6,96	[illegible]	32.17.38,2	1902,2	−17,9	− 0,9
377	6,5	[illegible]	[illegible]	[illegible]	0,73	[illegible]	[illegible]	[illegible]	− 0,5
378	[illegible]	2.10.54,96	[illegible]	[illegible]	[illegible]	32.33.50,0	[illegible]	[illegible]	[illegible]
379	[illegible]	[illegible]	−418,87	[illegible]	[illegible]	32.56.49,5	[illegible]	−33,6	[illegible]
380	6,0	[illegible]	−493,71	[illegible]	[illegible]	[illegible]	[illegible]	−63,9	[illegible]
381	5,3	5.14.53,83	−512,64	−2,53	[illegible]	32.33.10,3	[illegible]	[illegible]	[illegible]
382	6,0	7.32.33,29	[illegible]	[illegible]	[illegible]	[illegible]	− 788,0	− 66,7	[illegible]
383	[illegible]	10.28.43,46	[illegible]	−6,98	− 0,86	32.24. 8,0	[illegible]	−21,3	[illegible]
384	[illegible]	10.40. 6,53	−380,03	−6,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
385	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1898,9	[illegible]	[illegible]
386	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−2002,6	− 2,9	− 0,5
387	[illegible]	12.20.16,39	[illegible]	[illegible]	− 0,50	[illegible]	[illegible]	[illegible]	[illegible]
388	6,5	[illegible]	−178,57	[illegible]	− 2,80	32.29.25,3	[illegible]	−16,8	− 21,0
389	−	15.26.33,73	[illegible]	[illegible]	− 3,10	[illegible]	[illegible]	[illegible]	[illegible]
390	−	19.10.21,69	[illegible]	−0,56	− 2,90	32.30.35,7	[illegible]	−15,3	[illegible]
391	6,6	[illegible]	[illegible]	−0,73	[illegible]	32.13.19,7	[illegible]	[illegible]	− 5,8
392	[illegible]	19.51.14,34	[illegible]	[illegible]	[illegible]	[illegible]	− 935,6	[illegible]	[illegible]
393	4,6	[illegible]	[illegible]	−0,41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
394	5,5	21.35.51,45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 1,4
395	[illegible]	[illegible]	+201,26	+0,92	[illegible]	32.28.56,6	[illegible]	[illegible]	− 0,3
396	3,6	[illegible]	+207,45	+1,15	[illegible]	32.17.30,2	[illegible]	[illegible]	[illegible]
397	3,5	[illegible]	[illegible]	[illegible]	− 0,16	[illegible]	[illegible]	[illegible]	− 0,1
398	6,8	22.41. 7,28	[illegible]	+2,18	− 0,65	[illegible]	[illegible]	[illegible]	[illegible]
399	4,9	[illegible]	[illegible]	[illegible]	[illegible]	32. 0. 7,8	[illegible]	[illegible]	[illegible]
400	−	[illegible]	−287,59	[illegible]	+ 4,70	32.29.15,9	[illegible]	[illegible]	− 49,0
401	[illegible]	[illegible]	[illegible]	[illegible]	− 3,12	33.15.33,6	− 1710,1	[illegible]	− 18,9

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
402	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	33°19′35″,7	−1681″,5	+33″,7	1,2
403	[illegible]	[illegible]	[illegible]	[illegible]	− [illegible]	33.50.38,0	[illegible]	+35,2	1,3
404	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+68,6	+ 14,8
405	6,5	[illegible]	[illegible]	[illegible]	+ 0,10	[illegible]	[illegible]	+73,7	[illegible]
406	6,5	[illegible]	[illegible]	+1,08	[illegible]	[illegible]	− 157,1	+74,4	[illegible]
407	5,8	[illegible]	+510,97	−1,37	[illegible]	[illegible]	[illegible]	+73,9	− 2,1
408	[illegible]	7.48.20,55	[illegible]	[illegible]	[illegible]	[illegible]	+ 913,0	−63,3	+ 1,2
409	[illegible]	9.22.38,95	[illegible]	−6,80	− 1,68	33.49. 3,2	[illegible]	[illegible]	− 5,2
410	[illegible]	10.24.13,87	[illegible]	−6,60	[illegible]	33.30.23,8	+1832,2	+22,0	− 3,9
411	[illegible]	[illegible]	[illegible]	[illegible]	+ 1,05	33. 4.53,4	+1926,6	[illegible]	[illegible]
412	[illegible]	[illegible]	+263,85	−2,72	+ 1,38	33.29.50,6	[illegible]	− 9,2	+ 1,3
413	5,6	12.56.26,23	[illegible]	[illegible]	− 0,72	33. 5.40,9	[illegible]	9,9	− 2,0
414	[illegible]	[illegible]	+221,06	−1,08	+ 1,20	33.36.34,5	+1811,7	−14,5	+ 36,0
415	[illegible]	15. 0.36,91	+164,47	[illegible]	[illegible]	33.34.21,6	[illegible]	−17,6	+ 11,1
416	[illegible]	16.43.24,02	[illegible]	[illegible]	+ 0,46	33. 2.22,0	[illegible]	−16,0	[illegible]
417	6,0	16.57.31,37	+110,27	−0,96	[illegible]	33. 9.53,2	[illegible]	−15,7	− 2,5
418	[illegible]	17.51.48,04	[illegible]	[illegible]	[illegible]	[illegible]	+ 71,7	−15,3	− 7,6
419	[illegible]	[illegible]	[illegible]	[illegible]	− 0,72	[illegible]	−1085,0	−16,7	[illegible]
420	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1377,7	−16,4	+ 2,2
421	[illegible]	21.51.31,51	[illegible]	+0,82	[illegible]	33.51.44,9	[illegible]	−14,9	+ 2,3
422	6	22. 8.12,14	[illegible]	+1,17	[illegible]	33.39.28,8	−1771,4	−14,3	− 13,0
423	4,5	[illegible]	+214,90	+1,32	[illegible]	33.27.18,8	−1784,0	−14,0	− 4,0
424	6,4	[illegible]	[illegible]	+1,82	− 0,98	[illegible]	[illegible]	[illegible]	3,3
425	5,8	22.57.16,91	[illegible]	+2,66	[illegible]	33.25.54,8	[illegible]	[illegible]	+ [illegible]
426	5,6	[illegible]	+262,01	+3,75	[illegible]	33.23. 1,4	−1954,2	[illegible]	29,8
427	[illegible]	[illegible]	[illegible]	[illegible]	− 0,22	[illegible]	−2002,5	[illegible]	[illegible]
428	[illegible]	0.34.49,76	[illegible]	+5,61	[illegible]	[illegible]	−1981,6	+ 8,3	+ 3,2
429	[illegible]	2.15.22,81	[illegible]	+6,84	− 0,24	[illegible]	[illegible]	[illegible]	1,1
430	3,9	[illegible]	[illegible]	−6,78	[illegible]	34.31. 9,9	−1516,4	[illegible]	1,2
431	[illegible]	[illegible]	[illegible]	+6,11	− 0,54	34.53.39,3	−1272,9	[illegible]	+ 1,9
432	4,9	[illegible]	[illegible]	−0,78	[illegible]	34.18.58,3	− 118,3	[illegible]	− [illegible]
433	[illegible]	5.51.25,53	[illegible]	+0,56	[illegible]	[illegible]	− 74,9	[illegible]	+ 8,8
434	[illegible]	6.39.51,83	[illegible]	[illegible]	− 0,50	34.11.10,3	[illegible]	+71,8	+ 10,0
435	[illegible]	[illegible]	[illegible]	−3,35	− 0,17	34.31.48,2	[illegible]	+67,6	+ 3,2
436	5,4	10.47.31,15	+366,91	[illegible]	− 1,08	34.53. 0,0	+1905,8	+16,0	+ [illegible]
437	[illegible]	13.19.54,05	[illegible]	−1,72	[illegible]	34.33. 8,7	+1884,1	[illegible]	3,0
438	4,2	13.21.13,96	[illegible]	−1,66	− 1,35	34.29.27,3	+1880,6	−12,9	+ 2,1
439	5,4	[illegible]	+231,58	[illegible]	− 0,06	34. 8.20,7	[illegible]	[illegible]	+ [illegible]
440	[illegible]	[illegible]	+187,77	−0,09	[illegible]	[illegible]	+1594,1	−17,3	1,4
441	[illegible]	[illegible]	[illegible]	+0,97	[illegible]	34.58. 3,8	+1036,9	−17,9	10,6
442	5,6	16.22.14,12	+130,65	+1,01	+ 0,24	34.34. 3,2	+ 829,5	−17,8	[illegible]
443	6,3	16.40.55,64	[illegible]	[illegible]	− 0,52	34. 7.34,7	[illegible]	−17,0	[illegible]
444	[illegible]	[illegible]	+115,34	+0,83	[illegible]	[illegible]	+ 469,1	−16,6	3,9
445	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−17,4	4,9
446	4,8	17.30.17,76	[illegible]	+0,55	[illegible]	[illegible]	[illegible]	[illegible]	4,8
447	[illegible]	[illegible]	+128,90	−0,45	[illegible]	[illegible]	[illegible]	[illegible]	11,0
448	6,6	19.29.17,49	+130,36	−0,44	[illegible]	[illegible]	[illegible]	−17,3	[illegible]
449	[illegible]	[illegible]	[illegible]	+0,80	− 0,29	34.15.32,1	[illegible]	[illegible]	1,2
450	6	[illegible]	[illegible]	+4,22	[illegible]	[illegible]	[illegible]	− 0,7	+ 2,5
451	[illegible]	1. 1.36,79	+356,87	+6,61	− 39,12	35.34.12,2	−1932,7	+ 18,5	[illegible]
452	[illegible]	1. 5. 0,58	[illegible]	+5,84	[illegible]	35.22.55,6	[illegible]	[illegible]	+ [illegible]
453	4,9	1.55.38,27	[illegible]	+6,37	[illegible]	[illegible]	[illegible]	+28,5	+ [illegible]

N°	Grandeur	α 1900,0	Précession	Variation séculaire	Mouvement propre	δ 1900,0	Précession	Variation séculaire	Mouvement propre
454	[illegible]	2.35.53,22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
455	6,5	[illegible]	[illegible]	[illegible]	[illegible]	35.26. 8,2	[illegible]	[illegible]	[illegible]
456	3,9	5.51.17,63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11,8
457	6,6	[illegible]	[illegible]	[illegible]	[illegible]	35.52.20,6	— 777,7	+64,0	[illegible]
458	5,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
459	[illegible]	9.18.33,07	[illegible]	—6,21	+ 0,03	35.33.13,5	[illegible]	[illegible]	[illegible]
460	[illegible]	[illegible]	[illegible]	—6,32	[illegible]	35.28. 5,2	+1668,8	[illegible]	— 2,5
461	[illegible]	[illegible]	—390,35	—6,11	— 1,00	[illegible]	[illegible]	[illegible]	[illegible]
462	[illegible]	[illegible]	+351,56	[illegible]	— 0,83	35.18.52,2	[illegible]	[illegible]	[illegible]
463	2,5	[illegible]	[illegible]	—4,31	[illegible]	[illegible]	+2002,2	+ 1,5	[illegible]
464	[illegible]	[illegible]	+264,96	[illegible]	[illegible]	35.21.33,9	[illegible]	+ 9,5	[illegible]
465	[illegible]	18. 8.28,63	[illegible]	[illegible]	[illegible]	35.44.36,3	[illegible]	18,0	—24,0
466	6,0	19.36.26,33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—14,3
467	3,8	0.31.23,86	[illegible]	[illegible]	+ 0,36	36.39.12,3	[illegible]	+ 7,5	+ 0,7
468	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+44,7	+ 0,4
469	5,5	4.24. 6,47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
470	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.43.25,5	[illegible]	[illegible]	+ 8,9
471	[illegible]	4.49.16,09	+479,97	[illegible]	— 0,21	36.24.28,4	+ 609,1	+66,8	— 1,2
472	6,5	4.51.48,25	[illegible]	+2,96	[illegible]	[illegible]	[illegible]	+66,6	— 1,1
473	[illegible]	5.33.13,51	+486,35	[illegible]	[illegible]	36.33.35,0	— 233,8	[illegible]	—55,0
474	[illegible]	6.13.38,64	+487,60	[illegible]	[illegible]	[illegible]	[illegible]	+71,0	— 9,0
475	6	8.16.14,23	[illegible]	—4,95	— 0,60	36.27.29,9	[illegible]	+54,9	+12,3
476	7	8.25. 3,33	[illegible]	[illegible]	— 0,15	[illegible]	[illegible]	+52,8	[illegible]
477	[illegible]	8.31.53,26	[illegible]	—5,18	[illegible]	36.56.15,9	[illegible]	+50,8	[illegible]
478	6,5	[illegible]	[illegible]	—5,38	[illegible]	[illegible]	[illegible]	+15,9	— 6,7
479	7	[illegible]	[illegible]	—5,14	[illegible]	[illegible]	[illegible]	+10,8	— 7,0
480	6,2	[illegible]	+299,40	—3,66	+ 0,53	36. 0.31,5	[illegible]	[illegible]	[illegible]
481	[illegible]	12.26. 4,84	[illegible]	[illegible]	[illegible]	36.22.33,7	+1992,3	[illegible]	—18,0
482	6	13.35.38,28	[illegible]	[illegible]	[illegible]	36.34.23,9	+1833,2	—14,7	[illegible]
483	7	14.30.13,15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—17,9	+25,0
484	5,7	17.41.53,86	[illegible]	+0,43	[illegible]	36. 9.23,8	[illegible]	—18,2	[illegible]
485	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	36.48.58,1	[illegible]	[illegible]	—12,1
486	6,7	20.46.18,07	+170,33	—0,10	[illegible]	36. 8.27,0	—1330,7	—18,0	—10,4
487	[illegible]	21.49.49,47	+209,99	[illegible]	+ 0,20	[illegible]	[illegible]	—15,8	+ 1,9
488	7	21.51.26,56	[illegible]	+0,88	[illegible]	36.32.26,8	—1697,8	—15,7	— 8,0
489	6,8	22.21.59,97	+232,53	+1,60	[illegible]	36.33.51,9	—1824,7	—13,3	0,0
490	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,3
491	3,3	9.26.10,34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+35,1	+54,4
492	5,0	[illegible]	—292,92	[illegible]	[illegible]	[illegible]	+1998,2	— 4,3	— 1,2
493	6	12.25.19,17	—288,34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 1,0
494	7	12.39.42,54	[illegible]	[illegible]	[illegible]	37.41.18,2	[illegible]	[illegible]	+18,0
495	7,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1671,0	[illegible]	[illegible]
496	[illegible]	[illegible]	+206,90	[illegible]	[illegible]	37.41.13,5	[illegible]	17,8	+40,5
497	5,5	[illegible]	[illegible]	[illegible]	[illegible]	37.40.53,2	+1308,0	+20,0	[illegible]
498	3,0	17.28.10,38	[illegible]	+0,50	— 0,17	37.37.28,8	[illegible]	—19,6	[illegible]
499	5,8	[illegible]	[illegible]	[illegible]	[illegible]	37. 7.18,8	[illegible]	19,1	[illegible]
500	6	[illegible]	[illegible]	[illegible]	[illegible]	37. 9.12,9	— 408,4	[illegible]	32,0
501	5,5	19.48. 7,10	[illegible]	—0,30	0,28	[illegible]	— 911,3	19,2	[illegible]
502	[illegible]	19.53. 2,69	—155,62	—0,26	[illegible]	37.49.36,0	[illegible]	[illegible]	[illegible]
503	[illegible]	[illegible]	+155,78	— 0,28	[illegible]	37. 7.18,0	[illegible]	19,3	24,0
504	[illegible]	[illegible]	+159,07	[illegible]	[illegible]	[illegible]	[illegible]	19,0	15,1
505	[illegible]	[illegible]	[illegible]	—0,04	[illegible]	37.22. 7,8	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ' "	"	"	"
506	6,4	[illegible]	[illegible]	0,00	— 0,80	[illegible]	—1521,1	—19,0	+11,0
507	6	23.12. 8,64	+270,92	[illegible]	[illegible]	37.19.33,6	[illegible]	— 7,4	+26,0
508	6,3	[illegible]	+381,14	+5,64	[illegible]	38.33.35,0	[illegible]	+25,1	+12,0
509	6	[illegible]	+408,82	+5,83	0,00	38. 7.57,3	—1609,6	+36,1	0,0
510	[illegible]	3.39.43,33	[illegible]	[illegible]	+ 0,47	[illegible]	—1152,2	+53,4	+ 8,8
511	6,6	3.48. 5,70	[illegible]	[illegible]	— 1,14	[illegible]	—1091,4	+55,4	—10,1
512	5	4.58.50,65	[illegible]	[illegible]	[illegible]	38.32. 5,3	[illegible]	+65,6	+16,0
513	[illegible]	5.42.59,53	[illegible]	+0,83	[illegible]	38.30.58,0	[illegible]	[illegible]	+ 4,3
514	[illegible]	5.48.17,46	+476,84	+0,62	— 0,27	38.12.53,2	[illegible]	+69,5	+ 1,2
515	[illegible]	[illegible]	[illegible]	+0,29	+ 0,07	38.25.27,4	— 30,1	[illegible]	[illegible]
516	[illegible]	8. 0.56,34	[illegible]	[illegible]	— 0,32	38.12.17,7	+1009,5	+56,7	+ 0,3
517	6,8	8.58.16,71	[illegible]	[illegible]	[illegible]	38.46.39,2	+1407,2	+43,8	+ 7,6
518	6,5	[illegible]	[illegible]	[illegible]	[illegible]	38.18.56,3	[illegible]	[illegible]	[illegible]
519	[illegible]	[illegible]	+384,27	[illegible]	+ 0,05	[illegible]	[illegible]	[illegible]	+ 1,5
520	[illegible]	14.12.37,55	+214,25	—0,42	[illegible]	38.10.17,7	+1678,3	[illegible]	— 8,4
521	[illegible]	17.54.17,05	[illegible]	+0,31	[illegible]	38.29.58,0	+ 50,0	—20,3	[illegible]
522	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,23	38.29. 0,1	— 744,4	[illegible]	[illegible]
523	6,5	[illegible]	[illegible]	[illegible]	0,00	38.58.41,6	[illegible]	[illegible]	+19,6
524	[illegible]	22.19.37,61	+235,40	+1,57	[illegible]	38.16.19,3	[illegible]	—13,8	+18,8
525	6,3	[illegible]	+296,72	+3,53	[illegible]	38.56. 2,2	[illegible]	[illegible]	0,0
526	5,0	[illegible]	+337,55	+4,65	[illegible]	[illegible]	[illegible]	+ 9,9	[illegible]
527	[illegible]	0.45.13,86	[illegible]	[illegible]	[illegible]	39. 2.11,8	—1966,4	[illegible]	+ 2,0
528	[illegible]	[illegible]	[illegible]	+5,32	+ 0,31	39.48.53,8	—1826,4	+23,3	+ 1,5
529	5,6	[illegible]	+378,93	+5,40	+ 0,36	39.42. 5,5	—1794,9	+25,4	+ 3,6
530	[illegible]	2. 6.57,07	+392,83	+5,60	+ 3,68	[illegible]	[illegible]	+31,4	+16,6
531	6,5	2.21. 9,07	[illegible]	[illegible]	+ 0,30	[illegible]	—1636,8	[illegible]	+ 9,6
532	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,78	39.35.38,7	[illegible]	[illegible]	+12,5
533	[illegible]	[illegible]	[illegible]	+4,09	+ 0,01	[illegible]	[illegible]	+56,5	+ 3,6
534	6,6	7.14.36,79	[illegible]	—2,54	[illegible]	39.39.47,6	[illegible]	+63,4	[illegible]
535	[illegible]	7.36.29,68	+456,18	[illegible]	[illegible]	39.19.46,0	+ 819,6	+60,5	+ 3,6
536	5,3	[illegible]	[illegible]	[illegible]	— 0,30	[illegible]	+1687,4	+30,5	— 2,5
537	[illegible]	11.11. 3,89	[illegible]	—4,32	[illegible]	39.58.40,7	[illegible]	[illegible]	+ 2,3
538	[illegible]	12.43.13,90	+276,65	[illegible]	— 1,25	[illegible]	+1969,7	— 8,3	+ 2,8
539	[illegible]	[illegible]	[illegible]	[illegible]	— 3,12	39.42.28,1	+1615,9	[illegible]	+ 6,4
540	6	[illegible]	+197,93	+0,13	[illegible]	[illegible]	+1460,2	[illegible]	+23,0
541	7	[illegible]	[illegible]	+0,65	+ 1,60	[illegible]	+ 687,3	[illegible]	[illegible]
542	5	17.46.40,90	[illegible]	+0,32	— 0,60	39.11.43,6	+ 116,5	—20,8	—20,0
543	[illegible]	[illegible]	+160,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 5,0
544	6,5	[illegible]	+161,12	[illegible]	[illegible]	[illegible]	— 840,9	—21,0	[illegible]
545	6,5	[illegible]	+161,17	—0,16	[illegible]	39.42.52,8	— 841,1	—20,8	[illegible]
546	[illegible]	21.38.32,65	+212,63	[illegible]	[illegible]	39.16. 0,5	[illegible]	[illegible]	[illegible]
547	[illegible]	[illegible]	+248,46	+1,86	[illegible]	39.22. 0,8	—1870,1	—12,3	[illegible]
548	6,8	[illegible]	+255,25	+2,07	[illegible]	[illegible]	—1898,9	[illegible]	[illegible]
549	5,6	2.14.20,79	[illegible]	+5,39	[illegible]	40.18.25,4	[illegible]	[illegible]	+ 2,0
550	5,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+33,2	+ 4,9
551	[illegible]	[illegible]	+417,72	+5,15	[illegible]	[illegible]	[illegible]	+46,8	[illegible]
552	[illegible]	3.17.10,82	[illegible]	[illegible]	+ 0,30	[illegible]	—1307,4	[illegible]	+ 2,8
553	[illegible]	5.38. 9,15	[illegible]	+0,92	— 0,18	40.13. 2,7	[illegible]	+67,5	[illegible]
554	[illegible]	6.17.11,89	+462,39	[illegible]	+ 0,29	[illegible]	[illegible]	[illegible]	[illegible]
555	[illegible]	9.15.43,15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
556	6,5	[illegible]	+383,65	[illegible]	[illegible]	40. 2.23,1	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	R 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	D 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
557	6	[illegible]	[illegible]	[illegible]	-1,10	[illegible]	[illegible]	[illegible]	[illegible]
558	7	[illegible]	+369,06	-4,93	-2,70	40.18. 7,5	+1844,7	[illegible]	[illegible]
559	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40.27.39,6	+2000,9	[illegible]	[illegible]
560	5	13.30.22,[illegible]	[illegible]	[illegible]	-1,33	[illegible]	[illegible]	-14,6	[illegible]
561	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-15,8	[illegible]
562	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1584,7	-19,4	[illegible]
563	6,5	[illegible]	+164,[illegible]	[illegible]	[illegible]	40.49.17,1	+ 788,1	[illegible]	[illegible]
564	5,1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 718,1	[illegible]	[illegible]
565	6,8	18.12.23,[illegible]	[illegible]	0,18	[illegible]	[illegible]	[illegible]	22,2	[illegible]
566	6,5	[illegible]	[illegible]	[illegible]	-1,40	[illegible]	[illegible]	-21,6	[illegible]
567	6,5	19.30.56,[illegible]	[illegible]	[illegible]	0,08	40.57.21,1	[illegible]	[illegible]	[illegible]
568	[illegible]	[illegible]	[illegible]	[illegible]	-0,23	[illegible]	[illegible]	[illegible]	[illegible]
569	[illegible]	20.12.48,[illegible]	[illegible]	[illegible]	-0,13	[illegible]	-1098,1	[illegible]	[illegible]
570	6	20.23.58,[illegible]	[illegible]	[illegible]	-0,64	40.56.55,8	[illegible]	-21,1	[illegible]
571	3,8	22.27.10,[illegible]	[illegible]	+1,70	[illegible]	[illegible]	[illegible]	13,5	[illegible]
572	[illegible]	[illegible]	[illegible]	[illegible]	-1,60	40.29.29,7	-1936,2	-9,7	[illegible]
573	[illegible]	23.53. 3,[illegible]	[illegible]	[illegible]	[illegible]	40. 6.57,0	-2004,3	[illegible]	[illegible]
574	[illegible]	[illegible]	+365,[illegible]	+4,86	[illegible]	[illegible]	-1845,8	-21,8	[illegible]
575	[illegible]	2.37.22,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-38,7	[illegible]
576	6	[illegible]	[illegible]	+4,72	+1,80	41.17.18,[illegible]	[illegible]	[illegible]	[illegible]
577	5,0	3.20.56,[illegible]	[illegible]	[illegible]	0,00	[illegible]	-1282,6	-48,0	[illegible]
578	4,3	[illegible]	+438,[illegible]	+3,58	+0,16	[illegible]	[illegible]	-56,9	[illegible]
579	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-67,0	6,3
580	6,0	[illegible]	[illegible]	[illegible]	[illegible]	41.38. 5,9	798,2	59,3	[illegible]
581	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1369,5	[illegible]	[illegible]
582	[illegible]	[illegible]	[illegible]	[illegible]	-2,33	[illegible]	-1982,4	-6,5	8,3
583	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.39.58,0	[illegible]	[illegible]	[illegible]
584	4,9	[illegible]	[illegible]	[illegible]	-3,74	41.57.22,2	[illegible]	-20,7	[illegible]
585	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41. 3.29,3	+ 500,5	-22,6	[illegible]
586	5,7	[illegible]	[illegible]	[illegible]	0,03	[illegible]	[illegible]	-23,0	[illegible]
587	[illegible]	17.34. 0,[illegible]	[illegible]	[illegible]	0,32	41.21.23,0	[illegible]	[illegible]	[illegible]
588	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.34.43,7	- 109,8	[illegible]	[illegible]
589	[illegible]	18.45.37,[illegible]	[illegible]	[illegible]	-0,11	[illegible]	[illegible]	22,5	[illegible]
590	[illegible]	[illegible]	-167,89	-0,09	[illegible]	41.37.48,3	[illegible]	-22,4	[illegible]
591	[illegible]	20.26.57,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
592	6,5	20.53. 9,[illegible]	[illegible]	-0,23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
593	[illegible]	[illegible]	[illegible]	[illegible]	-0,23	[illegible]	[illegible]	-18,7	[illegible]
594	[illegible]	21.43. 5,[illegible]	[illegible]	+0,87	[illegible]	41. 9.11,6	[illegible]	-17,5	[illegible]
595	[illegible]	22.20.27,[illegible]	[illegible]	[illegible]	[illegible]	41. 1.50,6	[illegible]	14,2	[illegible]
596	[illegible]	23. 3.12,[illegible]	[illegible]	+2,42	[illegible]	[illegible]	-1943,5	[illegible]	[illegible]
597	[illegible]	23. 7.57,[illegible]	[illegible]	[illegible]	[illegible]	41. 8.25,0	-1953,8	8,2	[illegible]
598	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	41.31.52,4	-1963,3	[illegible]	[illegible]
599	[illegible]	23.14.50,[illegible]	+278,[illegible]	+2,58	[illegible]	41.55.23,[illegible]	-1966,4	[illegible]	[illegible]
600	7	0.28.[illegible]	[illegible]	+3,94	+3,53	42.38.15,8	[illegible]	+ 6,8	[illegible]
601	[illegible]	0.39.[illegible]	[illegible]	[illegible]	+0,28	[illegible]	[illegible]	- 9,1	[illegible]
602	6,5	[illegible]	+383,[illegible]	[illegible]	-0,78	42.58.59,1	-1702,3	+30,1	[illegible]
603	[illegible]	3.23.[illegible]	+420,98	+4,38	[illegible]	[illegible]	-1264,8	[illegible]	[illegible]
604	[illegible]	[illegible]	+421,80	+4,36	[illegible]	42.19. 2,6	[illegible]	[illegible]	[illegible]
605	[illegible]	3.29.[illegible]	[illegible]	+4,33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
606	3,2	3.35.[illegible]	[illegible]	[illegible]	+0,35	42.31.55,5	-1179,7	+50,7	[illegible]
607	4,0	[illegible]	[illegible]	[illegible]	-0,42	[illegible]	- 991,7	+55,5	[illegible]
608	6,0	5.28.[illegible]	+452,56	[illegible]	[illegible]	42.21. 2,9	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
609	5,5	[illegible]	[illegible]	[illegible]	[illegible]	42. 6.15,4	[illegible]	[illegible]	[illegible]
610	6,5	5.55.10,05	+454,70	+0,32	0,00	[illegible]	[illegible]	−66,3	− 9,5
611	6	[illegible]	[illegible]	[illegible]	− 0,30	42.34.56,7	− 589,8	+62,7	[illegible]
612	6,3	[illegible]	[illegible]	[illegible]	0,28	[illegible]	[illegible]	[illegible]	+ 1,4
613	[illegible]	[illegible]	+438,84	−3,16	0,22	42.10.33,7	[illegible]	+56,6	+ 0,6
614	[illegible]	8.56.48,07	[illegible]	[illegible]	[illegible]	42.26.52,3	[illegible]	[illegible]	+ 6,7
615	[illegible]	[illegible]	+313,60	[illegible]	0,07	42.58. 2,1	+2003,2	[illegible]	− 0,8
616	[illegible]	[illegible]	[illegible]	[illegible]	0,22	42.58.27,6	[illegible]	[illegible]	0,0
617	[illegible]	[illegible]	−191,12	+0,39	− 0,60	42.52.22,6	[illegible]	−22,9	+13,9
618	6,5	[illegible]	[illegible]	[illegible]	− 1,30	42.48. 3,1	+ 521,0	−23,8	−82,0
619	5,8	19.49.10,40	[illegible]	[illegible]	[illegible]	42.19.35,4	− 919,5	[illegible]	+ 0,8
620	[illegible]	[illegible]	[illegible]	+0,01	+ 0,01	[illegible]	−1091,9	[illegible]	+ 0,8
621	4,8	[illegible]	+203,85	+0,32	[illegible]	42.52.10,5	−1395,2	−20,8	+ 0,5
622	[illegible]	21. 3. 9,55	[illegible]	+0,38	[illegible]	[illegible]	−1436,9	[illegible]	+ 0,8
623	6,9	[illegible]	−237,09	[illegible]	[illegible]	42.33.21,5	[illegible]	[illegible]	[illegible]
624	[illegible]	22.25.21,63	[illegible]	[illegible]	[illegible]	42.48.18,8	[illegible]	−13,9	+ 2,7
625	6	[illegible]	+278,46	[illegible]	[illegible]	42.10. 2,0	[illegible]	[illegible]	− 2,0
626	[illegible]	0.37.55,76	[illegible]	+3,95	0,27	[illegible]	[illegible]	+ 8,7	+ 2,4
627	4,5	1. 3.41,72	+346,20	[illegible]	0,34	[illegible]	[illegible]	+14,5	[illegible]
628	6	1.24. 5,99	[illegible]	+4,49	0,09	43.30.31,3	−1871,8	+19,4	[illegible]
629	6,5	[illegible]	[illegible]	[illegible]	0,00	[illegible]	−1671,1	[illegible]	+ 0,6
630	7	4.20. 6,92	+435,58	[illegible]	0,90	43.21.57,0	− 846,6	[illegible]	+34,0
631	6	[illegible]	[illegible]	[illegible]	+ 0,80	[illegible]	− 491,4	+62,8	[illegible]
632	[illegible]	[illegible]	[illegible]	[illegible]	0,63	[illegible]	+ 88,5	+65,2	− 1,4
633	6,5	6.10.49,43	[illegible]	[illegible]	0,00	43.36. 3,0	[illegible]	+65,4	+15,0
634	5,6	8.34. 6,36	[illegible]	[illegible]	0,18	[illegible]	+1249,0	+47,1	− 8,8
635	[illegible]	9.22. 6,82	[illegible]	−4,25	0,17	43.57.36,2	[illegible]	+36,2	[illegible]
636	[illegible]	[illegible]	+386,96	[illegible]	+ 1,90	43.30.46,8	[illegible]	+32,2	[illegible]
637	6	10.37.40,30	[illegible]	−4,23	2,90	43.16.12,7	[illegible]	+18,1	+ 5,0
638	[illegible]	14.12.34,99	[illegible]	[illegible]	[illegible]	[illegible]	+1678,5	18,8	[illegible]
639	6	14.45.44,82	+213,94	−0,06	0,00	43.28. 2,1	+1503,3	[illegible]	+ 8,2
640	6,5	[illegible]	+211,48	[illegible]	0,03	43. 6.43,1	+1487,1	−21,3	[illegible]
641	3,9	[illegible]	+180,23	[illegible]	+ 0,01	43.26.55,0	+ 873,0	[illegible]	[illegible]
642	[illegible]	17.36.38,54	+169,27	[illegible]	0,03	43.56.25,9	+ 204,0	−24,7	− 0,3
643	6,5	[illegible]	[illegible]	[illegible]	+ 0,29	[illegible]	[illegible]	−24,2	+12,2
644	[illegible]	[illegible]	[illegible]	[illegible]	0,00	43.11.20,5	[illegible]	−23,6	[illegible]
645	[illegible]	[illegible]	[illegible]	+0,04	+ 0,18	[illegible]	[illegible]	−22,7	+ 1,2
646	3,9	20.10.29,00	+188,87	[illegible]	+ 0,14	43.33.43,4	−1080,7	[illegible]	[illegible]
647	6	[illegible]	[illegible]	[illegible]	− 1,76	43.43. 8,0	[illegible]	−19,7	[illegible]
648	[illegible]	21.25.45,53	[illegible]	+0,64	[illegible]	[illegible]	−1567,6	[illegible]	−10,5
649	5,1	0. 5. 7,29	+310,28	+3,32	+ 0,21	44.29. 3,2	[illegible]	[illegible]	[illegible]
650	[illegible]	[illegible]	+351,00	[illegible]	[illegible]	44.59.43,2	−1894,2	+17,6	[illegible]
651	6	1.33.30,70	[illegible]	[illegible]	+ 2,10	44.37.26,6	−1840,8	+20,9	+23,0
652	5,4	3.25.30,43	+414,36	[illegible]	[illegible]	44.16.55,0	−1251,6	[illegible]	+ 8,2
653	6,5	4.44.22,09	[illegible]	+2,38	+ 3,70	[illegible]	[illegible]	+60,5	+56,0
654	[illegible]	5. 9.18,04	+441,77	+1,57	+ 0,87	[illegible]	[illegible]	+63,3	[illegible]
655	[illegible]	6.50.19,26	+438,77	−1,34	[illegible]	[illegible]	+ 436,7	+62,3	[illegible]
656	6,5	8.20.38,38	[illegible]	−3,54	[illegible]	[illegible]	+1154,7	+50,3	[illegible]
657	7	[illegible]	[illegible]	[illegible]	− 0,40	44.25.16,0	+1644,1	+32,3	[illegible]
658	3,2	[illegible]	[illegible]	−3,64	[illegible]	[illegible]	+1945,2	[illegible]	+ 3,3
659	[illegible]	[illegible]	[illegible]	−3,33	[illegible]	[illegible]	[illegible]	[illegible]	− 3,0
660	[illegible]	[illegible]	[illegible]	[illegible]	− 2,20	44.13.55,9	[illegible]	[illegible]	+ 7,0

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
661	[illegible]	[illegible]	—282,00	[illegible]	[illegible]	[illegible]	+1974,1	[illegible]	[illegible]
662	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—24,6	[illegible]
663	6,8	[illegible]	[illegible]	[illegible]	—0,79	44.49.18,8	[illegible]	[illegible]	+11,9
664	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 829,6	[illegible]	—13,2
665	[illegible]	20.26.41,3	[illegible]	[illegible]	—0,90	44.24.41,1	[illegible]	—22,8	—16,0
666	[illegible]	[illegible]	[illegible]	—0,36	[illegible]	44.14.14,1	1403,5	—21,5	—0,5
667	[illegible]	[illegible]	[illegible]	—0,72	0,23	[illegible]	[illegible]	—19,3	[illegible]
668	[illegible]	[illegible]	[illegible]	[illegible]	—0,10	44.28.22,2	[illegible]	9,1	+6,0
669	[illegible]	[illegible]	[illegible]	—2,82	—1,58	[illegible]	[illegible]	[illegible]	42,0
670	[illegible]	[illegible]	[illegible]	—2,73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
671	[illegible]	2[illegible].41. 4,6	+295,[illegible]	[illegible]	[illegible]	[illegible]	—1997,9	[illegible]	[illegible]
672	[illegible]	[illegible]	[illegible]	[illegible]	3,20	45. 6.34,0	—1878,7	+19,1	[illegible]
673	5	[illegible]	—401,20	[illegible]	1,60	45.31.17,0	—1400,8	+41,8	16,0
674	[illegible]	[illegible]	+440,51	[illegible]	0,38	[illegible]	— 68,3	[illegible]	[illegible]
675	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 61,2	[illegible]	[illegible]
676	[illegible]	6.35.48,27	[illegible]	[illegible]	[illegible]	45.22.46,0	[illegible]	+63,0	—4,0
677	[illegible]	6.37.29,87	—437,36	—0,95	[illegible]	[illegible]	— 326,6	—62,8	0,0
678	[illegible]	7.36.44,15	[illegible]	2,42	[illegible]	45.58. 7,7	[illegible]	—56,3	0,0
679	[illegible]	8.45.14,26	—404,58	[illegible]	[illegible]	45.54. 3,9	[illegible]	[illegible]	[illegible]
680	[illegible]	[illegible]	—366,63	[illegible]	[illegible]	45.26.35,0	[illegible]	[illegible]	[illegible]
681	[illegible]	11.17.20,45	[illegible]	3,35	[illegible]	45.58. 8,0	1970,6	[illegible]	—1,8
682	[illegible]	[illegible]	—326,94	—3,26	2,63	45.52.20,1	1982,1	—6,5	[illegible]
683	[illegible]	11.33. 0,86	—322,53	[illegible]	1,55	[illegible]	—1991,3	—4,7	[illegible]
684	6,5	12.52. 1,52	[illegible]	[illegible]	[illegible]	45.54.24,8	[illegible]	[illegible]	[illegible]
685	[illegible]	14. 3.55,84	—240,03	[illegible]	[illegible]	45.40.14,7	[illegible]	[illegible]	14,8
686	5,4	[illegible]	—224,01	0,20	[illegible]	45. 9.50,4	—1562,8	—21,0	[illegible]
687	6,5	[illegible]	[illegible]	[illegible]	1,30	[illegible]	947,9	—25,2	[illegible]
688	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 861,9	[illegible]	[illegible]
689	[illegible]	20.38. 1,36	[illegible]	[illegible]	[illegible]	[illegible]	1275,3	—22,5	[illegible]
690	4,6	[illegible]	+211,96	[illegible]	0,17	[illegible]	—1352,8	[illegible]	[illegible]
691	[illegible]	20.54.44,60	[illegible]	—0,35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
692	6,4	21.33.37,84	—229,65	—0,75	[illegible]	[illegible]	1609,9	—19,3	[illegible]
693	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	45.58. 2,8	—1889,4	[illegible]	[illegible]
694	[illegible]	[illegible]	—314,62	3,18	[illegible]	[illegible]	[illegible]	+ 3,4	[illegible]
695	[illegible]	[illegible]18,45[illegible]	[illegible]	3,32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
696	[illegible]	[illegible]31.20,[illegible]	—324,83	3,52	[illegible]	[illegible]	—1986,5	[illegible]	[illegible]
697	5	[illegible]	—341,20	[illegible]	[illegible]	46.35.26,3	—1931,7	[illegible]	[illegible]
698	[illegible]	[illegible]33,20[illegible]	—358,19	[illegible]	[illegible]	46. 7.21,0	[illegible]	+21,3	—0,3
699	5,1	[illegible] 6.56[illegible]	—374,61	—4,23	0,46	[illegible]	[illegible]	[illegible]	—1,9
700	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46. 7.41,2	1549,7	—36,5	2,4
701	[illegible]	[illegible]	[illegible]	2,36	[illegible]	[illegible]	720,2	—58,0	[illegible]
702	5,2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—60,4	1,3
703	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.19.22,6	[illegible]	[illegible]	[illegible]
704	[illegible]	[illegible]	—417,24	2,85	[illegible]	46.27. 8,7	[illegible]	[illegible]	—4,9
705	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.29.27,3	—1121,0	[illegible]	[illegible]
706	[illegible]	[illegible]	[illegible]	—3,76	0,18	[illegible]	[illegible]	[illegible]	3,3
707	[illegible]	[illegible]11. 4,[illegible]	[illegible]	—3,81	[illegible]	46.35.10,0	[illegible]	—23,4	[illegible]
708	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.26.57,8	—1788,7	—23,4	9,0
709	6,5	[illegible]	[illegible]	[illegible]	[illegible]	46.32.54,4	[illegible]	[illegible]	[illegible]
710	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	46.37. 3,8	—1950,3	[illegible]	[illegible]
711	[illegible]	[illegible]	—326,62	—3,18	0,52	[illegible]	—1981,5	[illegible]	[illegible]
712	[illegible]	[illegible]	[illegible]	—2,76	3,00	46.23.58,9	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
713	7	[illegible]	+308,71	[illegible]	−3,68	46.20.41,9	[illegible]	[illegible]	[illegible]
714	6,5	[illegible]	+296,98	[illegible]	−0,88	[illegible]	−1998,5	[illegible]	0,0
715	6,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−13,1
716	4,5	18.52.17,55	[illegible]	+0,06	−0,26	46.11. 8,6	[illegible]	[illegible]	− 7,8
717	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1332,1	−22,5	[illegible]
718	3,9	21. 1.17,60	[illegible]	[illegible]	−0,09	46.28.16,1	−1425,5	[illegible]	− 0,8
719	[illegible]	21.14.43,36	[illegible]	+0,55	−0,22	[illegible]	−1506,0	−20,9	[illegible]
720	6	[illegible]	+278,06	+2,02	−1,90	46.59.34,9	[illegible]	[illegible]	−19,0
721	4,4	[illegible]	[illegible]	+2,66	−0,78	[illegible]	[illegible]	− 3,8	+ 2,4
722	7	[illegible]	+333,06	+3,60	[illegible]	47.10.33,7	−1961,3	[illegible]	[illegible]
723	5,5	[illegible]	+356,26	+3,90	[illegible]	[illegible]	[illegible]	[illegible]	+15,0
724	4,8	[illegible]	+400,80	+3,75	−0,72	[illegible]	[illegible]	+44,3	+ 0,8
725	[illegible]	3.32.13,08	+404,19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
726	[illegible]	[illegible]	+406,23	+3,34	[illegible]	[illegible]	−1161,3	+48,8	[illegible]
727	[illegible]	4.26.22,63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+56,7	[illegible]
728	[illegible]	5.57.51,92	+431,90	+0,29	[illegible]	47. 0.39,2	− 18,6	+62,9	+16,0
729	6,0	8. 2.31,14	[illegible]	[illegible]	[illegible]	47.16.35,4	+1021,7	+51,6	+ 7,0
730	6,7	[illegible]	+398,78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 8,7
731	[illegible]	[illegible]	[illegible]	−3,43	[illegible]	47.49.16,0	+1380,9	+40,3	+25,8
732	7	[illegible]	[illegible]	[illegible]	[illegible]	47.12.13,6	[illegible]	+27,6	+ 7,0
733	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	47.59.50,8	+1803,2	+22,1	− 2,7
734	[illegible]	[illegible]	+357,60	[illegible]	[illegible]	47.53.17,0	+1823,0	+21,1	+ 9,8
735	6	10.50.32,27	+343,89	−3,44	[illegible]	47.27.20,1	[illegible]	[illegible]	+ 8,6
736	[illegible]	[illegible]	+332,56	[illegible]	[illegible]	[illegible]	[illegible]	+ 9,1	0,0
737	[illegible]	[illegible]	[illegible]	[illegible]	−0,01	47.43.21,1	[illegible]	+ 3,6	[illegible]
738	[illegible]	[illegible]	+256,93	−0,96	[illegible]	[illegible]	+1823,9	[illegible]	− 1,5
739	[illegible]	[illegible]	+235,17	[illegible]	[illegible]	47.45. 9,2	[illegible]	−21,2	[illegible]
740	[illegible]	[illegible]	[illegible]	+0,18	+3,99	47.16. 7,4	+1082,9	[illegible]	[illegible]
741	[illegible]	[illegible]	+196,62	+0,40	[illegible]	[illegible]	+ 804,5	−26,7	[illegible]
742	4,3	[illegible]	[illegible]	+0,42	[illegible]	47.21.24,8	+ 760,1	−26,4	− 2,6
743	6,5	[illegible]	[illegible]	+0,42	[illegible]	[illegible]	+ 651,7	−26,7	[illegible]
744	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−26,4	[illegible]
745	[illegible]	18.12.32,14	+186,55	+0,20	[illegible]	[illegible]	− 109,6	−27,1	+ 0,1
746	[illegible]	[illegible]	[illegible]	+0,09	[illegible]	[illegible]	− 499,3	−26,7	+11,1
747	5,4	[illegible]	[illegible]	+0,04	+0,27	47.24.47,0	[illegible]	−25,7	[illegible]
748	[illegible]	[illegible]	[illegible]	+0,16	+0,46	[illegible]	[illegible]	[illegible]	[illegible]
749	6,9	[illegible]	+208,31	[illegible]	−0,28	47.43.20,7	[illegible]	[illegible]	− 3,8
750	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−23,8	−18,0
751	5,3	[illegible]	[illegible]	+0,78	+0,58	47.10.49,1	−1623,5	−19,4	[illegible]
752	[illegible]	[illegible]	+258,32	[illegible]	[illegible]	47.23.21,7	−1839,4	[illegible]	+ 0,7
753	[illegible]	[illegible]	+268,80	+1,78	+0,88	47.13. 8,9	[illegible]	−11,4	[illegible]
754	[illegible]	[illegible]	+274,85	[illegible]	+0,35	47.46.48,8	[illegible]	[illegible]	[illegible]
755	6	[illegible]	+287,31	+2,32	+0,62	47.38.20,0	[illegible]	− 6,0	[illegible]
756	[illegible]	23.33.13,80	+292,86	+2,53	[illegible]	47.17. 8,0	[illegible]	[illegible]	[illegible]
757	6	[illegible]	[illegible]	+3,62	[illegible]	[illegible]	[illegible]	+14,6	[illegible]
758	[illegible]	[illegible]	+366,07	+3,94	[illegible]	[illegible]	[illegible]	+27,1	[illegible]
759	5,0	[illegible]	+366,13	+3,94	[illegible]	[illegible]	[illegible]	+26,9	[illegible]
760	4,4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
761	[illegible]	[illegible]	[illegible]	[illegible]	−0,39	[illegible]	[illegible]	+59,4	+ 7,1
762	[illegible]	5.36. 7,42	[illegible]	+0,78	+0,77	[illegible]	− 208,5	+61,5	[illegible]
763	[illegible]	6. 1.19,43	+423,75	[illegible]	[illegible]	[illegible]	[illegible]	+61,8	+ 7,8
764	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+60,5	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
765	5,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 611,9	[illegible]	[illegible]
766	5,2	[illegible]	+370,15	−3,56	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,2
767	6	[illegible]	+359,44	−3,56	[illegible]	[illegible]	+1803,2	[illegible]	[illegible]
768	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,81	48. 9.33,3	[illegible]	+ 6,4	[illegible]
769	[illegible]	11.48.38,95	+313,12	[illegible]	[illegible]	[illegible]	+2002,8	[illegible]	[illegible]
770	5,8	12.11. 7,06	+301,56	−2,27	[illegible]	[illegible]	+2002,3	[illegible]	+ 4,6
771	4,3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6,0	[illegible]
772	[illegible]	12.33.57,68	[illegible]	[illegible]	[illegible]	48.34.30,1	+1982,7	[illegible]	[illegible]
773	6,6	13. 6.56,22	+273,42	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,1
774	5,7	[illegible]	+271,32	−1,32	[illegible]	48.37. 0,7	+1909,2	[illegible]	0,0
775	[illegible]	[illegible]	+270,70	−1,28	− 0,94	[illegible]	+1903,7	−13,1	− 1,5
776	6,0	[illegible]	+242,46	[illegible]	− 0,60	48. 0.43,4	[illegible]	[illegible]	[illegible]
777	[illegible]	15.16.24,18	[illegible]	+0,14	− 0,20	[illegible]	+1512,9	[illegible]	−17,0
778	5,2	[illegible]	[illegible]	[illegible]	[illegible]	48.49.34,2	+1238,8	[illegible]	[illegible]
779	[illegible]	15.28.12,18	+214,85	[illegible]	− 0,16	[illegible]	+1232,8	[illegible]	[illegible]
780	6,5	20.29.19,79	213,09	[illegible]	[illegible]	48.27.19,1	[illegible]	−24,3	[illegible]
781	[illegible]	20.30.14,67	[illegible]	[illegible]	[illegible]	48.34. 6,6	−1222,3	[illegible]	+ 9,0
782	[illegible]	20.35.59,28	[illegible]	+0,30	[illegible]	48. 5.57,6	[illegible]	[illegible]	+24,0
783	7,0	[illegible]	[illegible]	[illegible]	[illegible]	48.46. 3,3	1418,7	−22,6	+ 5,4
784	6,5	[illegible]	+227,70	[illegible]	[illegible]	48.23.37,5	[illegible]	−21,7	−13,8
785	[illegible]	22.37. 7,93	[illegible]	[illegible]	[illegible]	48.58.30,6	[illegible]	[illegible]	[illegible]
786	[illegible]	22.39.37,81	+266,91	+1,60	[illegible]	[illegible]	−1882,7	[illegible]	− 1,0
787	5,6	[illegible]	[illegible]	[illegible]	[illegible]	48.55.47,5	[illegible]	[illegible]	[illegible]
788	3,6	22.57.19,11	[illegible]	[illegible]	[illegible]	48.12.41,4	[illegible]	−10,0	[illegible]
789	6,0	23.13.38,57	[illegible]	[illegible]	[illegible]	48.46.20,9	[illegible]	− 7,6	− 0,6
790	6,1	23.15. 6,70	[illegible]	+2,15	+ 0,36	[illegible]	1966,8	− 7,3	[illegible]
791	6	[illegible]	+307,00	+2,83	0,00	[illegible]	−2005,3	[illegible]	0,0
792	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,5	+13,7
793	6,0	0.36.34,84	−325,19	[illegible]	[illegible]	[illegible]	−1979,8	+ 8,3	+ 3,0
794	[illegible]	0.44.17,81	[illegible]	[illegible]	[illegible]	[illegible]	−1967,4	[illegible]	+ 2,9
795	[illegible]	0.57.16,95	+335,81	[illegible]	[illegible]	49.11.32,3	[illegible]	+12,8	+ 0,8
796	[illegible]	1.30.55,52	[illegible]	[illegible]	− 1,53	[illegible]	[illegible]	−20,5	[illegible]
797	[illegible]	1.34.40,50	[illegible]	[illegible]	[illegible]	49.55.45,7	[illegible]	[illegible]	[illegible]
798	[illegible]	1.47.17,28	[illegible]	−3,69	0,25	[illegible]	[illegible]	+24,2	0,0
799	[illegible]	1.48.55,56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 4,8
800	[illegible]	2.16.36,69	[illegible]	[illegible]	− 0,68	49. 3.26,9	−1659,4	[illegible]	−12,0
801	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 5,2
802	[illegible]	[illegible]	[illegible]	−3,55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
803	[illegible]	[illegible]	[illegible]	−2,65	+ 0,02	[illegible]	[illegible]	[illegible]	[illegible]
804	[illegible]	[illegible]	[illegible]	+1,72	+ 0,13	[illegible]	− 556,9	+58,9	− 2,2
805	[illegible]	5.12. 6,33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+61,0	[illegible]
806	[illegible]	6.37.17,27	[illegible]	[illegible]	[illegible]	49.16.28,2	[illegible]	[illegible]	18,9
807	[illegible]	7.17.13,11	+416,36	[illegible]	[illegible]	[illegible]	+ 662,7	+57,0	[illegible]
808	6,6	[illegible]	−388,52	−3,16	[illegible]	49.53.36,0	[illegible]	−40,4	[illegible]
809	[illegible]	9.16. 8,18	−382,49	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+40,0
810	5,3	[illegible]	[illegible]	−3,44	0,22	[illegible]	[illegible]	[illegible]	0,8
811	5,5	9.35.48,66	−373,78	[illegible]	[illegible]	49.47.10,7	+1621,3	−31,5	[illegible]
812	6,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29,6	[illegible]
813	[illegible]	[illegible]	−352,86	[illegible]	1,42	49. 3.34,5	−1843,8	[illegible]	[illegible]
814	[illegible]	10.53.52,13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
815	6,5	[illegible]	−328,61	−2,94	[illegible]	[illegible]	[illegible]	[illegible]	0,0
816	[illegible]	[illegible]	−311,26	[illegible]	[illegible]	49. 5.52,0	+2001,0	− 0,8	[illegible]
817	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12,6	[illegible]

[illegible]

N°	Grandeur	α 1900,0	Précession	Variation séculaire	Mouvement propre	δ 1900,0	Précession	Variation séculaire	Mouvement propre
818	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.19.28,5	[illegible]	[illegible]	[illegible]
819	6,3	[illegible]	+245,58	[illegible]	— 1,17	[illegible]	+1680,1	—20,2	[illegible]
820	3,6	[illegible]	+226,36	[illegible]	— 0,36	49.12.54,3	[illegible]	[illegible]	[illegible]
821	5,4	[illegible]	+214,83	[illegible]	+ 0,63	[illegible]	[illegible]	[illegible]	[illegible]
822	6,3	17. 4.31,04	+195,84	[illegible]	[illegible]	49.21.11,8	+ 480,6	[illegible]	[illegible]
823	5,8	17.18.26,72	+196,65	[illegible]	[illegible]	49.55.38,5	+ 361,6	—28,3	[illegible]
824	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	49.59.46,0	+ 97,7	[illegible]	[illegible]
825	[illegible]	[illegible]	+195,10	+0,27	[illegible]	49.58.23,5	[illegible]	[illegible]	[illegible]
826	6	[illegible]	+191,70	+0,20	— 1,59	49. 6.11,5	[illegible]	[illegible]	— 8,7
827	[illegible]	[illegible]	[illegible]	[illegible]	— 0,02	[illegible]	[illegible]	—27,7	[illegible]
828	[illegible]	[illegible]	[illegible]	+0,08	[illegible]	[illegible]	[illegible]	—27,4	[illegible]
829	5,6	20.13.21,[illegible]	[illegible]	+0,17	— 0,58	49.56.40,7	[illegible]	[illegible]	+ 0,9
830	6,2	[illegible]	[illegible]	+0,17	[illegible]	[illegible]	[illegible]	[illegible]	— 0,4
831	[illegible]	20.53.26,69	[illegible]	+0,38	[illegible]	49.13. 4,8	—1376,4	—23,1	+ 1,8
832	[illegible]	21.10.28,68	[illegible]	[illegible]	— 0,23	49.16. 6,1	—1481,2	[illegible]	— 3,3
833	[illegible]	21.37.32,86	[illegible]	—0,77	[illegible]	49.38.56,3	—1630,2	[illegible]	+ 4,5
834	5,3	[illegible]	+240,84	[illegible]	[illegible]	49.22.47,4	[illegible]	—19,7	[illegible]
835	[illegible]	21.39. 5,28	[illegible]	[illegible]	[illegible]	49.18. 8,3	—1638,0	—19,6	[illegible]
836	[illegible]	[illegible] 20,33	[illegible]	[illegible]	+ 3,05	[illegible]	[illegible]	[illegible]	[illegible]
837	[illegible]	[illegible] 20,85	[illegible]	+3,22	[illegible]	[illegible]	[illegible]	+10,6	[illegible]
838	[illegible]	2.35.55,96	[illegible]	—3,58	[illegible]	50.13.43,7	[illegible]	[illegible]	+18,0
839	[illegible]	3. 4.[illegible]	+386,06	— 3,36	— 0,29	[illegible]	[illegible]	+41,1	[illegible]
840	5,0	3.51. 8,49	+401,18	—2,86	[illegible]	50.16.44,3	—1068,7	[illegible]	— 2,7
841	[illegible]	[illegible].25,76	[illegible]	[illegible]	[illegible]	50.45.24,4	[illegible]	[illegible]	[illegible]
842	6,5	5.41.[illegible]	[illegible]	+0,60	— 0,23	[illegible]	[illegible]	+60,7	[illegible]
843	[illegible]	[illegible].14,71	[illegible]	[illegible]	— 0,32	50.51.10,4	— 155,3	[illegible]	[illegible]
844	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.52.50,6	[illegible]	+60,5	[illegible]
845	5,7	6.31.[illegible]	+416,27	[illegible]	[illegible],20	50.31.15,4	+ 276,7	[illegible]	[illegible]
846	[illegible]	6.38.[illegible]	[illegible]	[illegible]	[illegible],00	50.31.38,4	[illegible]	[illegible]	[illegible]
847	[illegible]	[illegible].46,72	+412,97	[illegible]	[illegible],52	50.30.58,4	+ 559,1	[illegible]	[illegible]
848	[illegible]	[illegible]	+380,9[illegible]	[illegible]	[illegible]	[illegible]	+1470,5	+37,3	[illegible]
849	[illegible]	[illegible]	+372,15	—3,28	[illegible]	50.35.33,3	+1618,1	[illegible]	[illegible]
850	[illegible]	10.24.[illegible]	+351,87	—3,22	[illegible]	50.33.46,1	+1832,8	—20,2	[illegible]
851	[illegible]	[illegible]	[illegible]	—3,05	[illegible]	50.15. 3,2	+1925,7	[illegible]	[illegible]
852	[illegible]	11.[illegible].41,16	+324,90	[illegible]	[illegible]	[illegible]	+1980,0	+ 6,6	[illegible]
853	[illegible]	[illegible]	[illegible]	[illegible]	[illegible],08	[illegible]	+2004,8	— 1,6	[illegible]
854	[illegible]	[illegible]	+297,16	—1,98	[illegible]	50.25.35,1	+1996,3	[illegible]	[illegible]
855	[illegible]	[illegible].15,50	+287,78	—1,76	[illegible],30	50.10.39,7	[illegible]	[illegible]	[illegible]
856	6,3	13. 5.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1924,9	[illegible]	[illegible]
857	[illegible]	[illegible].25,70	+276,51	—1,33	[illegible]	[illegible]	[illegible]	[illegible]	— 1,9
858	[illegible]	[illegible].27,78	+276,71	—1,30	[illegible]	50.58.10,9	+1923,5	[illegible]	— 3,5
859	[illegible]	[illegible].27,78	+243,63	—0,37	[illegible]	50.12.51,2	+1645,2	[illegible]	+18,2
860	5,5	14.55.46,88	+230,36	—0,02	[illegible]	50.20.18,0	[illegible]	[illegible]	[illegible]
861	5,4	15.31.34,72	+219,87	[illegible]	[illegible],13	50.39.28,6	+1209,7	[illegible]	[illegible]
862	[illegible]	[illegible].29,80	+211,72	—0,33	[illegible],80	[illegible]	[illegible]	—27,2	[illegible]
863	[illegible]	[illegible]	[illegible]	+0,39	[illegible],30	[illegible]	[illegible]	[illegible]	[illegible]
864	[illegible]	[illegible]	+202,21	+0,37	[illegible]	[illegible]	+ 546,6	28,6	[illegible]
865	[illegible]	[illegible]	197,71	[illegible]	[illegible],21	50.32.50,8	[illegible]	[illegible]	+ 0,6
866	[illegible]	[illegible]	[illegible]	[illegible]	[illegible],03	50.26. 4,8	[illegible]	28,3	— 5,5
867	[illegible]	[illegible]	+198,80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
868	6,8	[illegible]	[illegible]	+0,19	[illegible]	50.54.43,2	+1125,6	[illegible]	[illegible]
869	[illegible]	[illegible].38,36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—25,3	— 0,1
870	[illegible]	20.56.[illegible]	[illegible]	[illegible]	[illegible],10	[illegible]	[illegible]	23,7	22,0

N°	Grandeur	A 1900,0	Précession	Variation séculaire	Mouv. propre	D 1900,0	Précession	Variation séculaire	Mouv. propre
871	[illegible]	[illegible]	[illegible]	[illegible]	−0,03	[illegible]	[illegible]	[illegible]	[illegible]
872	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
873	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1857,3	[illegible]	[illegible]
874	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1911,1	[illegible]	[illegible]
875	[illegible]	[illegible]	−292,63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
876	5,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
877	5,6	[illegible]	[illegible]	[illegible]	[illegible]	51.25.57,4	[illegible]	[illegible]	[illegible]
878	[illegible]	2.58.45,95	−381,87	[illegible]	−1,16	[illegible]	[illegible]	[illegible]	11,5
879	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
880	[illegible]	5. 6.35,03	[illegible]	−1,33	[illegible]	51.38. 2,0	[illegible]	[illegible]	[illegible]
881	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
882	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.22.21,0	[illegible]	−58	1,9
883	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.48.37,0	[illegible]	−58	1,4
884	6,8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8,1
885	6,0	8.26.25,05	[illegible]	[illegible]	[illegible]	51.38.55,9	[illegible]	45	[illegible]
886	–	8.57. 6,59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
887	[illegible]	[illegible]	−383,30	−3,04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
888	[illegible]	9. 0.28,04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
889	6,5	[illegible]	[illegible]	[illegible]	[illegible]	51.23.17,1	[illegible]	[illegible]	[illegible]
890	[illegible]	[illegible]	−365,59	3,16	[illegible]	[illegible]	−1673,6	[illegible]	0,3
891	–	9.57.54,62	−361,29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
892	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
893	[illegible]	11.22.22,13	[illegible]	−2,65	[illegible]	51.30.32,9	−1978,3	[illegible]	[illegible]
894	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−2001,6	[illegible]	[illegible]
895	[illegible]	[illegible]	[illegible]	1,47	[illegible]	51. 8.29,7	−1954,6	[illegible]	[illegible]
896	–	[illegible]	272,62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
897	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
898	6,0	14.45.11,20	[illegible]	[illegible]	[illegible]	51.46.36,0	[illegible]	[illegible]	[illegible]
899	[illegible]	[illegible]	[illegible]	−0,34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
900	–	[illegible]	[illegible]	[illegible]	[illegible]	51.14.23,1	[illegible]	[illegible]	[illegible]
901	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.18.34,3	[illegible]	[illegible]	[illegible]
902	4,5	19.10.21,23	[illegible]	[illegible]	[illegible]	51. 1.33,9	605,9	[illegible]	[illegible]
903	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.32. 6,0	902,8	[illegible]	11,8
904	5,5	[illegible]	[illegible]	[illegible]	0,16	[illegible]	−1177,4	[illegible]	[illegible]
905	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−19,0
906	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23,5	2,0
907	[illegible]	21. 2.24,82	[illegible]	[illegible]	[illegible]	51.44.33,0	[illegible]	−29	324,4
908	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−303,3
909	[illegible]	[illegible]	[illegible]	−0,53	[illegible]	[illegible]	[illegible]	[illegible]	0,3
910	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.54.51,8	[illegible]	[illegible]	[illegible]
911	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.56.10,1	[illegible]	[illegible]	[illegible]
912	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	51.58.13,1	[illegible]	[illegible]	[illegible]
913	[illegible]	23.26.22,23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
914	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.35. 7,1	[illegible]	[illegible]	[illegible]
915	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,0
916	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
917	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.36.55,1	[illegible]	[illegible]	[illegible]
918	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
919	[illegible]	4. 0.54,43	[illegible]	[illegible]	[illegible]	52.11.19,5	[illegible]	[illegible]	[illegible]
920	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
921	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
922	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52.41.18,1	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	Q 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
923	[illegible]	[illegible]	[illegible]	[illegible]	— [illegible]	[illegible]	— 366,6	+58,5	— 0,1
924	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 62,1	[illegible]	— 9,1
925	3,8	[illegible]	[illegible]	[illegible]	— 0,15	52.46.27,1	[illegible]	+35,8	—13,3
926	[illegible]	[illegible]	[illegible]	— 2,95	[illegible]	[illegible]	[illegible]	[illegible]	+11,3
927	[illegible]	[illegible]	+321,20	[illegible]	[illegible]	[illegible]	[illegible]	+ 6,0	+ 7,0
928	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1851,0	—15,9	[illegible]
929	6	[illegible]	[illegible]	[illegible]	[illegible]	52.19. 4,0	[illegible]	—23,4	— 9,0
930	[illegible]	[illegible]	+227,82	[illegible]	[illegible]	52.16.20,0	+1283,8	—25,8	[illegible]
931	[illegible]	[illegible]	[illegible]	+0,18	[illegible]	52.51.17,2	+1243,6	—26,6	— 3,6
932	5,5	[illegible]	+213,55	+0,35	[illegible]	52.22.42,0	+ 832,8	—28,7	[illegible]
933	[illegible]	[illegible]	—207,10	[illegible]	[illegible]	52.36.13,7	[illegible]	—29,7	[illegible]
934	[illegible]	[illegible]	[illegible]	+0,32	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,5
935	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 346,1	—29,8	+ 0,5
936	[illegible]	17.52.49,41	[illegible]	+0,25	[illegible]	52.44.10,9	+ 62,8	[illegible]	[illegible]
937	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	52. 2.39,9	[illegible]	[illegible]	[illegible]
938	[illegible]	[illegible]	+211,05	+0,11	[illegible]	52.44.21,7	[illegible]	—28,9	— 1,7
939	[illegible]	[illegible]	+215,71	[illegible]	[illegible]	52.53.14,0	— 852,5	—28,3	— 4,0
940	[illegible]	20.14. 5,98	+221,07	[illegible]	[illegible]	52.16.41,7	[illegible]	—26,4	[illegible]
941	[illegible]	[illegible]	[illegible]	+0,46	[illegible]	52.22.53,6	—1482,7	[illegible]	[illegible]
942	[illegible]	0.13. 6,11	[illegible]	+2,52	— 0,44	[illegible]	[illegible]	+ 3,5	+ 4,7
943	[illegible]	1.28.30,04	+344,84	+3,19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
944	6	1.49.59,32	[illegible]	+3,25	[illegible]	53.12.45,2	—1778,6	—24,5	[illegible]
945	[illegible]	[illegible]	[illegible]	+3,27	+ 1,29	[illegible]	[illegible]	[illegible]	[illegible]
946	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,08	[illegible]	[illegible]	+39,6	+22,6
947	[illegible]	[illegible]	+400,94	+1,69	+ 0,50	[illegible]	— 639,2	+55,6	[illegible]
948	5,0	4.45.56,24	[illegible]	+1,68	— 0,30	53.27.57,4	— 636,8	+55,7	[illegible]
949	5,3	7.15.21,78	[illegible]	[illegible]	— 0,81	[illegible]	[illegible]	+55,3	+ 0,9
950	[illegible]	7.53.18,83	[illegible]	[illegible]	[illegible]	53.38.46,4	+ 951,5	+50,2	0,0
951	[illegible]	8.28.18,49	+386,95	—2,51	[illegible]	[illegible]	+1209,0	+44,6	[illegible]
952	[illegible]	[illegible]	[illegible]	[illegible]	0,00	53. 6.34,2	+1539,0	[illegible]	[illegible]
953	[illegible]	[illegible]	—368,85	[illegible]	[illegible]	53. 9.30,0	+1580,3	—32,4	+ 2,1
954	[illegible]	[illegible]	—367,07	—2,89	[illegible]	53.44.15,7	[illegible]	[illegible]	+27,0
955	[illegible]	10.30.37,19	[illegible]	[illegible]	[illegible]	53. 9.16,5	+1854,7	+18,5	+ 2,1
956	5,2	[illegible]	[illegible]	—1,23	[illegible]	[illegible]	[illegible]	—11,6	— 0,4
957	[illegible]	13.33. 1,10	[illegible]	[illegible]	— 1,01	53.11.47,6	[illegible]	[illegible]	[illegible]
958	[illegible]	[illegible]	—258,37	—0,54	— 0,60	[illegible]	+1745,0	—19,5	+10,0
959	[illegible]	15.35.36,74	+225,98	—0,22	— 0,05	53. 2.22,7	[illegible]	—27,1	[illegible]
960	5,8	15.55.16,09	[illegible]	[illegible]	[illegible]	53. 4.21,3	+1038,3	—28,0	— 3,2
961	[illegible]	16. 5.18,90	[illegible]	+0,26	[illegible]	53.15.18,3	+ 961,8	—28,4	[illegible]
962	[illegible]	17.11.33,82	+209,04	—0,33	— 0,25	53. 4.41,8	[illegible]	[illegible]	+ 0,1
963	[illegible]	[illegible]	+208,76	[illegible]	— 0,90	53.36.32,1	[illegible]	[illegible]	+18,2
964	4,4	18.16.21,39	[illegible]	+0,20	— 0,21	53.58.50,4	[illegible]	—30,5	— 3,5
965	[illegible]	19.22.33,05	[illegible]	—0,11	— 0,04	53.52.58,4	— 706,6	[illegible]	— 1,3
966	[illegible]	19.32.12,64	[illegible]	+0,11	[illegible]	[illegible]	[illegible]	—28,6	— 2,6
967	4,8	[illegible]	+222,71	[illegible]	[illegible]	53.27.17,8	[illegible]	—27,3	[illegible]
968	5	20.10.47,32	[illegible]	[illegible]	[illegible]	53.30. 1,0	[illegible]	[illegible]	— 8,8
969	[illegible]	20.25.31,55	[illegible]	—0,23	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
970	[illegible]	[illegible]	[illegible]	[illegible]	— 0,09	53.52.36,9	[illegible]	[illegible]	[illegible]
971	[illegible]	21.21.41,79	+244,84	+0,58	— 0,08	[illegible]	[illegible]	—22,1	[illegible]
972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21,9	[illegible]
973	[illegible]	1. 4. 7,83	+333,17	+2,89	[illegible]	54.54.34,5	—1926,7	[illegible]	[illegible]
974	[illegible]	3.52.28,48	+388,19	[illegible]	— 0,12	54.29.47,3	[illegible]	—48,6	+ 1,7

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
975	6,5	[illegible]	+402,29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
976	[illegible]	6.12.12,40	[illegible]	[illegible]	0,26	[illegible]	+106,7	−58,4	+4,0
977	−	[illegible]	+389,85	[illegible]	[illegible]	[illegible]	+1030,3	[illegible]	−25,0
978	[illegible]	[illegible]	[illegible]	−2,84	[illegible]	[illegible]	+1743,2	[illegible]	[illegible]
979	6,8	[illegible]	[illegible]	−2,80	[illegible]	54.16.38,4	+1807,2	−21,4	[illegible]
980	[illegible]	15.47.27,74	+226,03	+0,28	[illegible]	[illegible]	+1096,0	−28,0	[illegible]
981	[illegible]	[illegible]	+214,98	+0,34	[illegible]	54.26.41,2	[illegible]	−30,5	+2,5
982	[illegible]	19. 3.44,02	[illegible]	+0,12	[illegible]	54. 3.24,6	−550,3	[illegible]	+0,7
983	[illegible]	[illegible]	[illegible]	+0,18	[illegible]	54.18.11,1	−1022,8	−27,9	−43,0
984	7,0	20.37.45,76	+234,48	+0,29	[illegible]	54.48.46,8	[illegible]	[illegible]	[illegible]
985	[illegible]	1.36.16,47	−345,08	+3,01	[illegible]	55.15.31,9	[illegible]	+21,2	−1,8
986	[illegible]	[illegible]	[illegible]	−3,05	+1,26	[illegible]	[illegible]	+27,5	[illegible]
987	5,6	2.29.42,53	[illegible]	[illegible]	[illegible]	55.44.55,6	[illegible]	[illegible]	[illegible]
988	3,6	[illegible]	[illegible]	−2,06	[illegible]	55.40.28,8	[illegible]	[illegible]	[illegible]
989	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.55. 5,1	[illegible]	−56,4	[illegible]
990	6,0	7. 0.48,32	[illegible]	[illegible]	[illegible]	[illegible]	−595,8	+55,4	[illegible]
991	[illegible]	[illegible]	−392,68	[illegible]	[illegible]	[illegible]	−788,4	−52,2	[illegible]
992	−	[illegible]	−378,76	[illegible]	0,50	55.26.51,6	−1263,4	[illegible]	[illegible]
993	[illegible]	[illegible]	−370,96	[illegible]	1,53	55.42.39,0	+1434,7	[illegible]	[illegible]
994	[illegible]	[illegible]	−368,53	−2,65	1,78	[illegible]	+1507,0	[illegible]	[illegible]
995	[illegible]	9.24.40,72	[illegible]	[illegible]	[illegible]	55.54.17,7	[illegible]	[illegible]	[illegible]
996	[illegible]	10.47.43,27	−336,00	−2,57	[illegible]	[illegible]	−1905,8	+14,5	−28,3
997	5	11.35.47,17	+317,06	[illegible]	[illegible]	55.14. 0,6	[illegible]	−4,5	+39,0
998	6,5	12.37.27,74	−292,47	[illegible]	[illegible]	55.45.36,6	[illegible]	−7,4	[illegible]
999	5,4	[illegible]	+226,77	[illegible]	[illegible]	55.53.16,7	[illegible]	−29,2	[illegible]
1000	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1001	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	55.10.56,7	[illegible]	−28,6	+2,9
1002	5,2	20.14.48,65	−230,35	[illegible]	[illegible]	55.19.47,5	[illegible]	−27,5	[illegible]
1003	[illegible]	[illegible]	−233,27	−0,25	[illegible]	55. 5.30,3	[illegible]	−26,5	+0,9
1004	[illegible]	[illegible]	[illegible]	−0,50	[illegible]	55.31.24,1	−1500,3	[illegible]	+2,1
1005	−	23.59.39,26	[illegible]	+2,20	[illegible]	55.53.58,4	−2005,3	+2,0	[illegible]
1006	4,4	0.31.32,29	[illegible]	+2,44	[illegible]	56.49.52,0	−1985,7	+7,2	−0,1
1007	−	[illegible]	−331,45	−2,71	[illegible]	56.35.29,8	−1928,4	[illegible]	[illegible]
1008	7	[illegible]	[illegible]	+2,70	[illegible]	56.39. 5,3	[illegible]	+14,0	0,0
1009	6	1.17.57,06	−337,03	+2,83	[illegible]	56.16.48,3	−1890,3	[illegible]	[illegible]
1010	[illegible]	2.10.56,82	[illegible]	−2,99	[illegible]	[illegible]	−1686,9	−28,7	[illegible]
1011	[illegible]	[illegible]	−355,00	−2,92	[illegible]	56.36.54,8	[illegible]	−28,9	[illegible]
1012	[illegible]	4.17.59,68	−388,35	[illegible]	0,03	56. 6. 3,0	−863,3	[illegible]	+3,6
1013	[illegible]	4.50.28,81	−390,09	[illegible]	[illegible]	[illegible]	598,8	+54,6	[illegible]
1014	[illegible]	5.11.36,87	−393,03	−1,11	[illegible]	56.43.58,0	[illegible]	[illegible]	[illegible]
1015	6,9	5.21.25,30	[illegible]	[illegible]	[illegible]	56.18.56,3	−336,6	+56,9	[illegible]
1016	[illegible]	7.41. 3,64	[illegible]	−1,65	[illegible]	56.20.20,1	+855,6	[illegible]	[illegible]
1017	6,5	8.32. 4,26	[illegible]	[illegible]	[illegible]	56.50.55,3	+1235,6	[illegible]	0,8
1018	[illegible]	8.50.46,46	[illegible]	−2,38	[illegible]	[illegible]	+1359,6	−39,4	[illegible]
1019	−	[illegible]	[illegible]	−2,56	[illegible]	[illegible]	+1485,5	[illegible]	[illegible]
1020	[illegible]	11.13. 4,76	−325,31	−2,25	[illegible]	56.21.35,9	[illegible]	−8,8	[illegible]
1021	3,5	15.11.28,98	+241,17	[illegible]	[illegible]	56.18.44,0	[illegible]	[illegible]	12,5
1022	5,5	[illegible]	+230,86	−0,33	[illegible]	56.23.42,2	−1023,7	[illegible]	[illegible]
1023	5,3	16.57.54,89	+221,51	−0,33	[illegible]	56.17.13,6	[illegible]	[illegible]	[illegible]
1024	[illegible]	17.13.37,85	+221,54	[illegible]	[illegible]	[illegible]	[illegible]	31,8	[illegible]
1025	[illegible]	[illegible]	[illegible]	−0,14	0,04	56.45.12,8	−403,0	−31,5	+0,5
1026	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56.30.20,0	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	𝒫 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1027	[illegible]	[illegible]	[illegible]	+0,28	[illegible]	56.24.16,0	[illegible]	[illegible]	[illegible]
1028	7	[illegible]	[illegible]	+1,36	0,00	56.19.37,8	−1910,8	[illegible]	+ 26,0
1029	6	[illegible]	[illegible]	+2,23	0,00	57.38.36,9	[illegible]	[illegible]	0,00
1030	6,5	[illegible]	[illegible]	+2,75	[illegible]	[illegible]	[illegible]	[illegible]	30,0
1031	[illegible]	[illegible]	[illegible]	+2,86	−0,06	[illegible]	[illegible]	+25,5	+ 0,5
1032	[illegible]	[illegible]	[illegible]	+2,88	[illegible]	57. 6.20,6	−1691,1	+28,3	+ 2,1
1033	[illegible]	[illegible]	+390,56	[illegible]	−0,05	[illegible]	[illegible]	+55,7	1,3
1034	[illegible]	[illegible]	[illegible]	−0,76	[illegible]	57.52.54,7	[illegible]	[illegible]	1,3
1035	3,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+51,8	+ 7,9
1036	1,6	[illegible]	+384,96	[illegible]	−1,44	[illegible]	+ 752,8	[illegible]	+ 8,2
1037	[illegible]	[illegible]	+380,78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 68,0
1038	[illegible]	8.55.16,20	+369,06	−2,34	[illegible]	57.21.25,5	+1388,3	[illegible]	3,2
1039	[illegible]	[illegible]	[illegible]	−2,51	[illegible]	57.35. 4,3	[illegible]	+26,3	+ 44,0
1040	[illegible]	[illegible]	[illegible]	−2,48	−0,05	57. 6.26,0	+1839,5	+19,2	2,2
1041	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	57.30.14,8	+1862,3	[illegible]	[illegible]
1042	[illegible]	11.12.51,01	[illegible]	−2,10	[illegible]	57.54.29,2	[illegible]	+ 8,6	[illegible]
1043	[illegible]	[illegible]	[illegible]	[illegible]	−2,80	57.42. 1,7	[illegible]	[illegible]	1,0
1044	[illegible]	[illegible]	+262,85	−0,35	[illegible]	[illegible]	[illegible]	−20,8	[illegible]
1045	[illegible]	16.19. 6,17	[illegible]	[illegible]	+0,18	[illegible]	+ 854,3	−30,7	2,8
1046	[illegible]	17.16.55,04	[illegible]	+0,48	[illegible]	57.24.13,7	[illegible]	−32,4	+104,7
1047	[illegible]	[illegible]	+223,53	+0,16	[illegible]	[illegible]	− 461,9	−31,7	16,0
1048	[illegible]	[illegible]	+224,38	[illegible]	[illegible]	57.26.51,9	− 478,2	−31,5	+ 0,6
1049	[illegible]	19. 3.38,64	[illegible]	[illegible]	[illegible]	57.39.21,2	− 549,6	[illegible]	3,2
1050	7	19.29.43,66	[illegible]	[illegible]	[illegible]	57. 1.16,8	− 765,2	[illegible]	20,0
1051	5,7	[illegible]	+265,92	+0,89	[illegible]	[illegible]	−1756,7	−17,9	+ 7,3
1052	[illegible]	[illegible]	[illegible]	−0,89	[illegible]	[illegible]	[illegible]	−17,8	[illegible]
1053	5,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1836,5	−15,3	[illegible]
1054	[illegible]	[illegible]	+326,76	[illegible]	[illegible]	[illegible]	[illegible]	+11,8	1,0
1055	[illegible]	[illegible]	+327,37	[illegible]	+0,03	58.43.57,6	[illegible]	+12,5	[illegible]
1056	6	[illegible]	+329,30	+2,53	+1,24	58.31.17,3	−1931,1	[illegible]	3,2
1057	5,2	2.51.12,93	[illegible]	+2,65	+0,06	58.28. 6,4	[illegible]	[illegible]	+ 2,8
1058	3,9	3.38. 2,69	+375,16	+2,33	[illegible]	[illegible]	−1163,8	[illegible]	[illegible]
1059	[illegible]	[illegible]	+376,12	[illegible]	[illegible]	58.24.47,7	−1093,0	[illegible]	[illegible]
1060	6	4.19.44,27	[illegible]	[illegible]	[illegible]	58.47.12,3	[illegible]	[illegible]	+ 12,3
1061	6	5.18.11,88	[illegible]	[illegible]	0,00	58.56.59,7	[illegible]	+55,5	0,0
1062	[illegible]	5.48.29,49	+389,69	+0,37	[illegible]	58.18.49,1	[illegible]	+56,8	[illegible]
1063	[illegible]	7.22.40,83	+385,32	[illegible]	[illegible]	58. 0.59,1	[illegible]	+52,6	[illegible]
1064	[illegible]	[illegible]	[illegible]	−2,44	[illegible]	58. 2. 8,5	[illegible]	[illegible]	[illegible]
1065	[illegible]	[illegible]	[illegible]	−2,25	[illegible]	[illegible]	+1884,7	[illegible]	+ 4,1
1066	[illegible]	[illegible]	+287,75	[illegible]	−0,27	[illegible]	[illegible]	[illegible]	[illegible]
1067	[illegible]	[illegible]	[illegible]	[illegible]	−2,01	58.36. 0,2	+1810,8	−17,8	[illegible]
1068	4,2	[illegible]	+242,00	−0,20	[illegible]	58.18.12,4	[illegible]	−28,4	+ 2,5
1069	[illegible]	[illegible]	[illegible]	+0,30	[illegible]	58.52.33,9	− 861,4	[illegible]	10,1
1070	[illegible]	[illegible]	[illegible]	+0,27	−3,63	58.12.58,2	[illegible]	[illegible]	39,1
1071	[illegible]	[illegible]	+228,09	+0,33	[illegible]	[illegible]	+ 609,7	−31,7	− 1,8
1072	[illegible]	16.56.27,80	[illegible]	+0,31	−0,36	58.55.35,3	+ 548,7	−32,4	2,3
1073	[illegible]	18. 8. 8,35	+225,78	+0,21	−0,20	58.37.11,4	[illegible]	[illegible]	3,3
1074	[illegible]	19. 7.55,88	[illegible]	+0,12	[illegible]	58.53. 0,9	− 585,5	[illegible]	0,6
1075	[illegible]	[illegible]	[illegible]	+0,26	+0,06	[illegible]	[illegible]1268,6	[illegible]	+ 1,6
1076	[illegible]	23.17. 1,89	[illegible]	[illegible]	+0,09	58.44. 8,0	−1970,1	7,2	1,6
1077	7	23.18.52,44	+292,37	[illegible]	[illegible]	58. 1. 8,2	−1973,0	[illegible]	[illegible]

Nos	GRANDEUR	AR 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	Décl. 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1078	[illegible]	0.13.58,74	[illegible]	[illegible]	1,10	59.41.10,7	[illegible]	[illegible]	[illegible]
1079	[illegible]	[illegible]	[illegible]	−0,64	[illegible]	59.34. 0,7	[illegible]	[illegible]	[illegible]
1080	5,2	[illegible]	[illegible]	[illegible]	−0,30	[illegible]	+ 193,5	[illegible]	+ 1,0
1081	[illegible]	[illegible]	[illegible]	0,91	[illegible]	59.35.27,0	+ 559,2	−53,4	[illegible]
1082	[illegible]	[illegible]	+366,78	[illegible]	[illegible]	59. 2.30,4	[illegible]	[illegible]	+ 2,1
1083	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1084	[illegible]	[illegible]	+352,93	2,30	[illegible]	[illegible]	+1630,9	[illegible]	[illegible]
1085	[illegible]	[illegible]	[illegible]	[illegible]	0,00	[illegible]	+1928,4	[illegible]	0,0
1086	[illegible]	[illegible]	+319,83	[illegible]	[illegible]	[illegible]	+1980,5	[illegible]	[illegible]
1087	7	[illegible]	[illegible]	[illegible]	[illegible]	59.28.44,2	+1981,5	[illegible]	+23,0
1088	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.11.22,9	+1603,5	−23,3	[illegible]
1089	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−24,1	[illegible]
1090	[illegible]	[illegible]	[illegible]	−0,18	[illegible]	[illegible]	[illegible]	−28,3	−19,9
1091	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	59.17.29,0	[illegible]	−31,8	− 3,0
1092	[illegible]	[illegible]	[illegible]	−0,27	−0,20	[illegible]	[illegible]	−33,1	[illegible]
1093	5,5	18.29. 0,53	[illegible]	[illegible]	[illegible]	59.31.15,8	− 253,1	−33,0	− 1,1
1094	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−28,3	− 0,2
1095	[illegible]	[illegible]	[illegible]	[illegible]	−0,35	[illegible]	[illegible]	[illegible]	+ 1,0
1096	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.47.59,1	−1993,4	[illegible]	+ 5,7
1097	7	[illegible]	[illegible]	[illegible]	+1,99	60. 5.38,4	−1967,5	[illegible]	− 4,7
1098	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.26.28,5	−1921,8	[illegible]	[illegible]
1099	[illegible]	1.47.22,75	+340,81	[illegible]	[illegible]	60.54.29,7	[illegible]	+23,2	+23,1
1100	[illegible]	[illegible]	+347,49	[illegible]	[illegible]	60. 9.55,9	−1707,2	+27,2	[illegible]
1101	[illegible]	2.22.18,01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−30,3	[illegible]
1102	[illegible]	4. 8.53,97	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+20,0
1103	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.27.54,1	[illegible]	[illegible]	−26,0
1104	[illegible]	[illegible]	+380,86	[illegible]	[illegible]	60.55.48,0	[illegible]	+54,9	[illegible]
1105	[illegible]	[illegible]	[illegible]	0,46	[illegible]	60.55.40,7	− 334,6	[illegible]	[illegible]
1106	[illegible]	[illegible]	[illegible]	−0,78	+1,30	60.29.41,7	[illegible]	+54,1	−80,0
1107	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60.52.27,9	[illegible]	+50,1	[illegible]
1108	[illegible]	[illegible]	[illegible]	[illegible]	0,10	60. 2.37,3	[illegible]	[illegible]	+ 1,2
1109	[illegible]	8.40.38,87	[illegible]	[illegible]	[illegible]	60.52.27,2	[illegible]	[illegible]	[illegible]
1110	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1111	[illegible]	[illegible]	[illegible]	−0,15	[illegible]	60. 1.16,7	+1515,5	[illegible]	+ 5,1
1112	3,7	[illegible]	[illegible]	[illegible]	[illegible]	60.32.58,8	[illegible]	[illegible]	[illegible]
1113	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−31,6	+ 2,6
1114	[illegible]	[illegible]	[illegible]	[illegible]	−0,34	60. 1.22,7	[illegible]	−32,7	[illegible]
1115	[illegible]	[illegible]	+232,39	−0,23	[illegible]	[illegible]	53,5	−34,1	[illegible]
1116	[illegible]	19.55.25,62	+236,90	[illegible]	−0,05	60. 4.38,1	[illegible]	−31,3	4,7
1117	6	[illegible]	[illegible]	−0,18	[illegible]	60.22.12,5	998,7	−30,9	[illegible]
1118	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−25,1	[illegible]
1119	[illegible]	[illegible]	+255,17	[illegible]	[illegible]	[illegible]	[illegible]	−24,7	− 6,1
1120	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1668,9	[illegible]	[illegible]
1121	[illegible]	[illegible]	[illegible]	+0,67	[illegible]	[illegible]	[illegible]	[illegible]	−41,0
1122	[illegible]	22.38.18,82	+280,64	[illegible]	[illegible]	60.18. 6,9	[illegible]	−13,5	[illegible]
1123	[illegible]	[illegible]	−281,24	[illegible]	[illegible]	[illegible]	−1887,0	[illegible]	−59,0
1124	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	60. 7.51,0	[illegible]	[illegible]	− 6,8
1125	6,5	[illegible]	[illegible]	+1,80	+3,00	61.31.49,6	2005,2	− 0,6	[illegible]
1126	[illegible]	[illegible]	[illegible]	+1,85	[illegible]	61.27.42,0	−2004,5	− 1,5	−16,3
1127	4,6	0.33.16,18	[illegible]	−2,08	[illegible]	[illegible]	[illegible]	− 7,5	[illegible]
1128	[illegible]	0.52.25,32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,6
1129	[illegible]	1.15.35,45	[illegible]	+2,52	[illegible]	61.47. 4,6	[illegible]	[illegible]	[illegible]

N°s	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	D 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
1130	7	1.19.37,99	+331,52	+2,34	+2,41	61.57. 1,4	−1885,4	+17,2	+17,8
1131	7	1.25.42,60	+334,23	+2,43	+ 1,26	61. 6. 0,3	−1866,6	+18,6	+ 7,2
1132	4,6	2.41.57,17	+355,01	+2,44	+ 1,22	61.10. 5,4	−1524,6	+34,5	+13,0
1133	5,5	3. 3.35,65	+359,81	+2,34	+ 0,01	61.18.17,7	−1395,5	+38,2	2,6
1134	5,3	4. 0.40,45	+370,81	+1,87	− 0,52	61.16. 8,5	−996,1	+47,2	+ 0,1
1135	4,8	5.19.58,19	+378,76	+0,77	− 0,25	61.28.36,9	−348,4	+54,6	+17,7
1136	4,9	6.28.54,15	+378,08	−0,20	− 0,07	61.53.59,6	+252,5	+54,6	− 1,4
1137	5,7	6.33.14,76	+378,64	−0,36	− 0,25	61.38.55,2	+289,9	+54,5	+ 2,5
1138	6,8	7. 9.42,47	+375,29	−0,89	− 0,20	61.55.43,1	+600,6	+52,0	+ 0,6
1139	5,1	7.23.35,56	+374,01	−1,08	− 0,22	61.52.39,8	+ 715,3	+50,7	+ 1,8
1140	4,2	7.39.11,87	+372,47	−1,28	− 4,70	61.43.55,8	+ 840,9	+47,7	+ 5,6
1141	5,1	7.57.22,69	+369,37	−1,50	− 0,12	61.55.30,8	+ 982,4	+46,5	+ 5,3
1142	6	8.20.22,87	+365,97	−1,72	− 0,41	61.46.36,8	+1152,9	+43,3	+10,7
1143	6,2	8.46.38,69	+361,93	−1,96	− 3,55	61.17.13,4	+1332,6	+38,1	+23,8
1144	7	12.14.29,07	+302,64	−1,35	− 1,60	61.17. 4,9	+2001,5	− 2,9	+15,0
1145	4,6	12.21.57,31	+300,20	−1,24	− 0,57	61.10.32,5	+1995,5	− 5,0	+ 8,8
1146	6,0	12.44.55,11	+293,22	−0,99	− 0,83	61.54.11,3	+1967,7	− 9,0	− 3,5
1147	5,1	12.46.49,69	+292,76	−0,96	− 0,23	61.54.54,5	+1965,0	− 9,5	+ 2,4
1148	5	13. 2.22,95	+288,05	−0,82	− 0,04	61.50.18,3	+1931,4	−12,0	+ 8,4
1149	4,3	13. 7.12,47	+286,36	−0,76	− 5,99	61.36.55,8	+1919,1	−12,4	−87,9
1150	3,8	18. 3.38,49	+233,93	+0,21	− 0,02	61.15. 5,0	+ 31,8	−34,1	− 0,2
1151	5,7	19. 2.39,63	+237,47	+0,12	+ 0,57	61.31.43,7	−541,4	−33,1	− 7,9
1152	5	21.59.40,17	+261,91	+0,55	+ 2,10	61.42.33,8	−1640,9	−22,0	−26,0
1153	4,9	23.38.57,55	+300,12	+1,63	+ 0,53	61.11.32,6	−1996,7	− 3,3	+ 3,4
1154	5,9	23.44.35,62	+302,44	+1,65	+ 0,36	61.42.51,6	−2000,7	− 2,2	1,4
1155	4,6	2.37.34,89	+350,98	+2,33	+ 0,03	62.43. 5,9	−1549,2	+33,2	+ 0,6
1156	5,4	4. 0.28,17	+367,17	+1,80	− 0,09	62.40.10,4	−998,8	+46,8	+ 6,1
1157	5,1	4.14.12,13	+368,54	+1,64	− 0,19	62.53.18,6	−893,2	+48,4	+ 6,6
1158	4,5	5.47. 2,49	+377,01	+0,37	+ 0,02	62.24.41,1	−113,3	+54,9	+ 2,1
1159	5,5	7. 5.10,96	+372,71	−0,79	− 0,18	62.58.44,7	+559,7	+52,0	4,5
1160	6,7	7.18.20,15	+373,76	−1,00	− 0,07	62.10. 8,1	+ 672,2	+51,1	− 2,6
1161	5,9	7.19.51,01	+374,05	−1,04	− 0,86	62. 0.11,1	+ 681,7	+50,8	+ 8,8
1162	4,2	7.29.45,70	+370,49	−1,14	− 0,16	62.52.54,9	+765,2	+49,6	10,9
1163	5,0	7.47.22,72	+368,06	−1,33	− 0,20	62.58.30,8	+ 905,3	+47,4	2,7
1164	5,2	8.13.59,50	+365,35	−1,67	− 0,09	62.27.30,2	+1106,4	+43,9	+38,5
1165	6,0	8.20.44,41	+364,57	−1,66	− 0,09	62.44.16,3	+1155,5	+43,0	+ 0,8
1166	7	8.48.24,05	+358,47	−1,86	0,00	62.41.49,2	+1344,6	+38,3	0,0
1167	6	9. 2.24,45	+354,92	−1,92	− 0,90	62.57.25,6	+1435,9	+36,2	+38,0
1168	6,5	11.51.12,57	+309,91	−1,43	− 1,30	62.45.51,4	+2003,7	0,9	0,0
1169	6	12.15.18,12	+302,49	−1,21	− 0,58	62.49.19,9	+2000,7	− 3,8	+11,1
1170	5,2	12.21.24,01	+300,66	−1,19	− 0,24	62.10.39,8	+1996,0	− 4,9	+ 1,5
1171	5,1	13.32. 0,01	+275,92	−0,36	+ 0,10	62. 1. 3,7	+1770,4	−19,1	+ 5,5
1172	6,1	13.56.38,46	+272,80	−0,31	− 0,60	62. 7.49,7	+1750,6	−20,0	− 0,5
1173	5,6	14.40.37,19	+262,38	−0,01	− 0,35	62.30.11,2	+1552,2	−25,3	0,9
1174	4,6	15. 0.[illegible]	+258,35	+0,12	− 1,33	62.39.45,1	+1416,5	−27,0	1,4
1175	6	15.14. 3,63	+255,80	+0,18	− 0,64	62.47.48,1	+1328,3	−28,5	11,0
1176	5,3	15.30.27,22	+253,01	+0,25	− 0,90	62.56.56,0	+1217,2	−30,0	+10,0
1177	4,2	15.53.26,81	+248,84	+0,31	− 0,66	62.49.57,6	+1051,6	−31,2	− 6,7
1178	5,5	17.42.32,68	+237,04	+0,38	− 0,59	62.13.15,4	+117,4	−33,8	+74,9
1179	3,1	19.26.41,31	+241,89	+0,10	− 0,02	62.15. 1,8	−740,3	−32,5	− 1,0
1180	5,2	19.26.43,42	+241,90	+0,11	− 0,20	62.14.42,0	−740,8	−32,5	+ 0,1
1181	4,8	19.56.58,94	+246,59	+0,12	− 0,42	62.31.22,6	−979,4	−31,1	1,2
1182	4,9	20.11.37,40	+248,83	+0,15	− 0,46	62.29.33,4	−1089,4	−30,0	− 1,0

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1183	[illegible]	20.50.17,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 0,5
1184	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 2,5
1185	[illegible]	[illegible]	+276,53	−0,82	[illegible]	[illegible]	[illegible]	16,9	[illegible]
1186	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−10,4	13,5
1187	[illegible]	[illegible]	+299,47	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1188	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+16,0	[illegible]
1189	[illegible]	[illegible]	+351,64	+2,27	[illegible]	[illegible]	[illegible]	+34,4	[illegible]
1190	[illegible]	2.56.30,20	[illegible]	+2,20	[illegible]	[illegible]	[illegible]	+35,9	[illegible]
1191	5,6	[illegible]	[illegible]	+1,68	[illegible]	[illegible]	[illegible]	+47,0	[illegible]
1192	6,7	6.52.37,63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+52,6	[illegible]
1193	[illegible]	[illegible]	+370,86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 1,3
1194	[illegible]	7.10.51,67	[illegible]	[illegible]	[illegible]	63. 7.49,5	[illegible]	+51,4	[illegible]
1195	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.58.39,8	[illegible]	[illegible]	[illegible]
1196	[illegible]	[illegible]	+361,29	[illegible]	[illegible]	63.28.25,7	+1177,3	+42,4	[illegible]
1197	[illegible]	[illegible]	[illegible]	−1,94	[illegible]	63.23.13,9	[illegible]	[illegible]	3,6
1198	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+29,1	[illegible]
1199	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.31.19,1	+1676,9	+26,5	[illegible]
1200	[illegible]	[illegible]	−331,10	[illegible]	[illegible]	[illegible]	[illegible]	+16,3	[illegible]
1201	5,0	[illegible]	[illegible]	[illegible]	[illegible]	63.34.21,3	[illegible]	— 2,1	[illegible]
1202	[illegible]	[illegible]	+303,19	[illegible]	[illegible]	63.26.10,3	—2001,4	[illegible]	[illegible]
1203	[illegible]	[illegible]	[illegible]	−1,14	[illegible]	63.35.55,4	[illegible]	[illegible]	[illegible]
1204	5,8	[illegible]	+278,92	[illegible]	[illegible]	[illegible]	+1809,6	−18,2	[illegible]
1205	[illegible]	[illegible]	+263,77	[illegible]	[illegible]	[illegible]	[illegible]	−25,3	[illegible]
1206	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1207	3,8	15.38.32,63	+252,63	[illegible]	[illegible]	[illegible]	+1160,3	−30,4	[illegible]
1208	4,6	[illegible]	+252,09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1209	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 290,3	[illegible]	[illegible]
1210	[illegible]	17.51.23,16	[illegible]	−0,23	[illegible]	63.56. 3,0	+ 75,3	−35,3	— 0,6
1211	5,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−33,5	+ 1,3
1212	5,8	20. 7.37,21	[illegible]	[illegible]	0,00	63.29.21,9	[illegible]	−30,6	+ 0,4
1213	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63.49.11,6	[illegible]	−30,6	+ 1,8
1214	[illegible]	20.32.48,66	[illegible]	−0,18	[illegible]	63.53.10,8	[illegible]	−28,8	+ 1,2
1215	[illegible]	21.36.34,78	[illegible]	−0,48	[illegible]	[illegible]	[illegible]	−22,7	+ 8,0
1216	[illegible]	[illegible]	[illegible]	−1,15	[illegible]	63.41.35,4	[illegible]	— 9,4	+14,0
1217	[illegible]	[illegible]	+306,37	−1,64	[illegible]	63.26.50,1	[illegible]	[illegible]	[illegible]
1218	6	[illegible]	+338,60	[illegible]	[illegible]	64.32.47,0	[illegible]	[illegible]	[illegible]
1219	6,5	2.10. 2,43	+341,26	[illegible]	[illegible]	64.40.52,1	[illegible]	[illegible]	[illegible]
1220	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.41.51,2	−1325,5	[illegible]	[illegible]
1221	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.59.37,7	[illegible]	[illegible]	[illegible]
1222	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+11,7
1223	[illegible]	[illegible]	+364,36	[illegible]	[illegible]	64.36.24,2	— 875,2	+48,1	+ 2,8
1224	6,6	5.23. 6,93	[illegible]	[illegible]	[illegible]	64.55.54,7	— 321,3	+53,2	+ 1,8
1225	5,8	[illegible]	[illegible]	[illegible]	[illegible]	64.55.49,9	[illegible]	+53,2	1,8
1226	[illegible]	5.33.32,33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+53,9	1,4
1227	[illegible]	5.51.47,34	+372,26	[illegible]	[illegible]	64. 3.30,2	— 71,9	[illegible]	0,9
1228	[illegible]	6.37.46,81	+369,36	[illegible]	[illegible]	64.46.11,1	[illegible]	+53,0	[illegible]
1229	[illegible]	6.45.48,08	+370,56	[illegible]	[illegible]	64.13. 8,5	+ 398,0	+ 52,8	[illegible]
1230	6,2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1231	6,5	[illegible]	+367,00	[illegible]	[illegible]	[illegible]	[illegible]	+50,9	8,7
1232	[illegible]	7.17.22,72	+366,74	[illegible]	[illegible]	[illegible]	+ 664,[illegible]	+50,3	[illegible]
1233	5,8	[illegible]	+363,56	[illegible]	[illegible]	64.20. 0,1	[illegible]	+46,1	[illegible]
1234	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.38. 6,8	[illegible]	+46,0	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	P 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1235	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	64.11.20,9	[illegible]	[illegible]	-35,0
1236	[illegible]	[illegible]	[illegible]	-1,86	[illegible]	[illegible]	+1509,7	+33,5	+14,0
1237	[illegible]	[illegible]	[illegible]	-1,85	[illegible]	64.53.11,1	[illegible]	+26,1	-10,0
1238	[illegible]	10.50.12,00	[illegible]	[illegible]	[illegible]	[illegible]	+1912,4	+13,4	[illegible]
1239	[illegible]	[illegible]	[illegible]	-1,63	[illegible]	[illegible]	[illegible]	+10,8	[illegible]
1240	6,5	12.16. 9,88	[illegible]	[illegible]	1,63	64.25. 2,0	[illegible]	[illegible]	[illegible]
1241	[illegible]	12.26. 0,96	[illegible]	[illegible]	0,23	[illegible]	+1992,3	[illegible]	[illegible]
1242	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1968,6	[illegible]	[illegible]
1243	[illegible]	[illegible]	[illegible]	-0,17	[illegible]	[illegible]	+1710,0	—21,6	[illegible]
1244	[illegible]	[illegible]	+262,82	-0,14	[illegible]	[illegible]	+1432,0	[illegible]	[illegible]
1245	[illegible]	[illegible]	[illegible]	[illegible]	1,36	64.44.29,3	[illegible]	—28,3	[illegible]
1246	[illegible]	[illegible]	[illegible]	0,33	0,08	64.29.35,0	[illegible]	—34,6	[illegible]
1247	[illegible]	17.44.45,86	[illegible]	-0,25	— 0,04	64.20.38,5	+ 133,2	—35,4	[illegible]
1248	5,4	[illegible]	[illegible]	-0,09	0,07	64.28. 3,3	— 843,7	[illegible]	— 1,8
1249	[illegible]	21.40. 7,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,3
1250	[illegible]	21.41.50,68	[illegible]	[illegible]	[illegible]	64.53.59,8	[illegible]	—21,8	[illegible]
1251	[illegible]	21.48.30,71	[illegible]	-0,54	[illegible]	[illegible]	[illegible]	[illegible]	— 0,6
1252	[illegible]	22. 8.33,89	[illegible]	0,66	— 0,30	[illegible]	[illegible]	[illegible]	-17,0
1253	[illegible]	23.43.28,84	[illegible]	[illegible]	1,26	64.54. 5,5	[illegible]	[illegible]	3,0
1254	[illegible]	0.36.17,57	[illegible]	1,79	0,70	65.55. 9,6	[illegible]	8,1	- 1,0
1255	6,5	[illegible]	+324,63	[illegible]	0,00	[illegible]	[illegible]	[illegible]	-12,5
1256	[illegible]	[illegible]	+324,80	[illegible]	0,00	65.56.45,7	[illegible]	[illegible]	1,8
1257	[illegible]	[illegible]	+331,23	[illegible]	1,76	65.20.10,9	[illegible]	+19,7	[illegible]
1258	[illegible]	[illegible]	[illegible]	[illegible]	0,39	65.12.29,3	—1618,2	+30,2	- 8,1
1259	[illegible]	2.31.14,3	[illegible]	[illegible]	0,90	65.47.17,0	[illegible]	+31,3	[illegible]
1260	[illegible]	3.18.24,0[illegible]	+353,39	+1,79	0,03	[illegible]	—1299,6	[illegible]	- 4,6
1261	[illegible]	[illegible]	[illegible]	+1,80	[illegible]	[illegible]	[illegible]	[illegible]	- 3,5
1262	[illegible]	[illegible]	+357,11	+1,82	[illegible]	65.28.28,8	[illegible]	+43,0	- 5,0
1263	[illegible]	[illegible]	[illegible]	+1,87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1264	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.56.40,6	[illegible]	[illegible]	- 3,6
1265	[illegible]	[illegible]	+356,57	[illegible]	0,03	[illegible]	[illegible]	+43,0	- 3,7
1266	6,2	[illegible]	+361,16	[illegible]	[illegible]	65.55.54,9	— 863,5	+47,8	[illegible]
1267	6,5	4.50.10,06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1268	5,6	[illegible]	+366,55	[illegible]	0,23	65. 6.14,5	— 585,8	[illegible]	+ 6,1
1269	5,5	5. 2. 0,92	[illegible]	+0,95	— 0,09	65.52. 1,1	[illegible]	+51,7	[illegible]
1270	[illegible]	[illegible]	+368,12	+0,41	[illegible]	65.27.58,3	[illegible]	+53,6	[illegible]
1271	[illegible]	[illegible]	[illegible]	+0,10	[illegible]	65.33.27,6	[illegible]	[illegible]	[illegible]
1272	6,3	[illegible]	+366,73	—0,03	0,28	65.59.51,8	[illegible]	+53,4	+ 2,7
1273	[illegible]	6.56.19,18	[illegible]	—0,59	— 0,16	65.38.31,3	[illegible]	+51,6	+ 0,4
1274	[illegible]	7. 6.21,78	+365,11	[illegible]	0,25	65.42.14,7	[illegible]	+50,8	[illegible]
1275	[illegible]	7.38.24,71	+362,96	[illegible]	[illegible]	[illegible]	+ 834,6	+47,7	+ 6,0
1276	[illegible]	8.14.35,43	[illegible]	—1,42	[illegible]	65.39.46,1	[illegible]	[illegible]	+ 2,8
1277	[illegible]	8.22.41,06	+356,71	[illegible]	[illegible]	65.31.23,8	+1169,3	[illegible]	+ 5,7
1278	5,8	[illegible]	+356,12	—1,51	0,72	65.34.53,8	[illegible]	+41,4	[illegible]
1279	[illegible]	[illegible]	+355,90	[illegible]	0,74	[illegible]	+1200,4	[illegible]	[illegible]
1280	[illegible]	8.32.5[illegible]	+354,12	—1,54	— 0,30	65.57.37,1	+1240,6	+40,5	[illegible]
1281	[illegible]	8.56.53,[illegible]	[illegible]	—1,73	[illegible]	65. 9.12,1	[illegible]	+36,1	[illegible]
1282	[illegible]	9.40.10,59	[illegible]	—1,79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1283	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+27,5	[illegible]
1284	[illegible]	[illegible]	[illegible]	—1,87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1285	[illegible]	[illegible]	+334,52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	3,0
1286	[illegible]	12.11.16,97	+304,27	[illegible]	[illegible]	65.29.55,6	+2002,8	[illegible]	[illegible]
1287	6	[illegible]	+301,91	[illegible]	[illegible]	[illegible]	[illegible]	— 4,7	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1288	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21,0
1289	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 16,3	[illegible]
1290	6	[illegible]	[illegible]	+0,10	[illegible]	[illegible]	[illegible]	— 26,4	— 1,8
1291	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.38.25,1	[illegible]	[illegible]	— 6,6
1292	[illegible]	17.10.55.43	[illegible]	[illegible]	[illegible]	[illegible]	— 426,0	35,2	[illegible]
1293	[illegible]	17.16.47,01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35,6	— 0,8
1294	[illegible]	[illegible]	[illegible]	[illegible]	0,91	65. 1.14,1	+ 362,4	35,4	[illegible]
1295	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1296	6	[illegible]	—246,30	[illegible]	[illegible]	65.23. 7,9	[illegible]	[illegible]	— 9,6
1297	[illegible]	[illegible]	—246,96	[illegible]	— 0,93	[illegible]	[illegible]	—35,9	[illegible]
1298	5,6	[illegible]	[illegible]	[illegible]	0,50	[illegible]	[illegible]	[illegible]	— 2,7
1299	6,0	[illegible]	[illegible]	[illegible]	[illegible]	65.16. 4,1	696,2	—33,4	[illegible]
1300	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.32.15,7	[illegible]	—33,5	[illegible]
1301	5,8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 725,0	33,7	[illegible]
1302	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	65.28.37,9	[illegible]	[illegible]	[illegible]
1303	5,5	[illegible]	+256,55	+0,11	[illegible]	65.38.13,5	[illegible]	[illegible]	[illegible]
1304	[illegible]	20.40.32,79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18,0
1305	3,9	22. 2.21,33	—276,83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1306	[illegible]	[illegible]	—288,09	[illegible]	[illegible]	65.55.35,4	[illegible]	—12,8	— 4,2
1307	[illegible]	[illegible]	[illegible]	+1,09	[illegible]	65. 4.17,7	[illegible]	[illegible]	[illegible]
1308	[illegible]	23.11. 2,07	[illegible]	+1,12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1309	[illegible]	[illegible]	+305,28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 3,4
1310	[illegible]	[illegible]	[illegible]	[illegible]	— 0,73	[illegible]	[illegible]	[illegible]	[illegible]
1311	5,4	[illegible]	[illegible]	[illegible]	+ 0,90	66.54.47,3	[illegible]	[illegible]	[illegible]
1312	5,9	[illegible]	[illegible]	+2,03	[illegible]	66.54.46,2	[illegible]	[illegible]	[illegible]
1313	[illegible]	1.52.21,30	[illegible]	[illegible]	[illegible]	66.53.29,8	[illegible]	—23,6	[illegible]
1314	[illegible]	2. 9.41,26	+338,90	[illegible]	+ 4,07	66.11.22,3	[illegible]	[illegible]	—16,5
1315	6,0	2.23.31,39	—340,56	[illegible]	[illegible]	66.58.39,0	[illegible]	— 29,7	[illegible]
1316	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,06	[illegible]	—1158,3	[illegible]	[illegible]
1317	3,8	3.38.56,14	+355,36	+1,77	+ 0,16	66.12. 3,6	[illegible]	[illegible]	[illegible]
1318	[illegible]	[illegible]	+355,25	+1,76	— 0,05	66.21.47,1	[illegible]	[illegible]	[illegible]
1319	6,8	3.41.24,24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 5,8
1320	3,0	[illegible]	[illegible]	[illegible]	[illegible]	66.12.14,4	—1138,8	[illegible]	[illegible]
1321	3,8	3.43.12,87	[illegible]	[illegible]	+ 0,13	66.15. 8,2	[illegible]	—43,4	+ 4,8
1322	[illegible]	3.43.14,13	[illegible]	[illegible]	— 0,05	66.10. 7,6	[illegible]	[illegible]	[illegible]
1323	5,6	3.58.22,69	+358,19	[illegible]	[illegible]	66.10. 9,5	—1014,9	[illegible]	[illegible]
1324	6,2	[illegible]	+360,09	[illegible]	[illegible]	66.51.47,8	— 763,6	+48,8	— 1,0
1325	[illegible]	4.37.10,40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+49,7	[illegible]
1326	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.12.27,6	— 588,4	+50,9	[illegible]
1327	5,4	5.29.20,57	—366,18	[illegible]	[illegible]	[illegible]	[illegible]	+53,0	— 1,9
1328	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.43.52,5	[illegible]	[illegible]	[illegible]
1329	6,2	6. 0.42,84	—365,81	[illegible]	[illegible]	66.21. 8,3	[illegible]	[illegible]	— 0,3
1330	6,5	6.19.28,26	[illegible]	[illegible]	0,00	66.37. 3,8	— 170,2	+53,0	[illegible]
1331	[illegible]	7.17.27,56	—361,16	[illegible]	[illegible]	66.51.44,8	665,0	[illegible]	— 3,4
1332	[illegible]	7.34.59,38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1333	[illegible]	7.42.34,88	+359,39	[illegible]	[illegible]	66.36.41,3	[illegible]	+ 47,0	[illegible]
1334	6,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1428,3	[illegible]	[illegible]
1335	[illegible]	9.26. 0,99	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 3,4
1336	3,8	[illegible]	[illegible]	+1,74	[illegible]	66. 5. 3,3	—1782,7	[illegible]	[illegible]
1337	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.23.31,8	[illegible]	[illegible]	[illegible]
1338	5,0	[illegible]	+327,80	[illegible]	— 0,84	[illegible]	[illegible]	15,9	0,9
1339	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 6,5	[illegible]
1340	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	66.50.50,9	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	L 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	λ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1341	–	[illegible]	[illegible]	−0,35	− 2,09	66.59.30,5	+1851,1	−16,8	−13,5
1342	–	[illegible]	[illegible]	−0,33	− 1,20	[illegible]	[illegible]	[illegible]	+ 4,7
1343	[illegible]	[illegible]	+283,27	[illegible]	+ 0,40	[illegible]	+1820,9	[illegible]	[illegible]
1344	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−28,9	−11,4
1345	5,0	[illegible]	[illegible]	[illegible]	0,00	66.55. 4,9	+1017,9	−32,8	[illegible]
1346	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,63	[illegible]	[illegible]	[illegible]	[illegible]
1347	7	[illegible]	[illegible]	+0,34	− 1,70	[illegible]	+ 678,8	[illegible]	0,0
1348	5,8	[illegible]	+251,24	+0,30	0,00	66.56.48,4	+ 348,9	−36,2	+ 3,2
1349	[illegible]	18.17.58,47	+250,04	+0,16	− 0,02	[illegible]	[illegible]	−36,2	− 8,5
1350	[illegible]	[illegible]	[illegible]	+0,08	+ 0,06	66.10.53,7	[illegible]	[illegible]	[illegible]
1351	[illegible]	20. 2.35,53	[illegible]	+0,09	0,00	66.40.26,6	[illegible]	[illegible]	[illegible]
1352	6	21.16.33,05	[illegible]	−0,29	+ 1,46	[illegible]	−1516,6	[illegible]	[illegible]
1353	[illegible]	[illegible]	[illegible]	+0,34	+ [illegible]	[illegible]	[illegible]	[illegible]	− 0,2
1354	[illegible]	[illegible]	+288,19	+0,84	+ [illegible]	66.57.38,4	−1888,9	−13,3	[illegible]
1355	4,6	[illegible]	+296,23	[illegible]	+ [illegible]	66.48.25,5	[illegible]	[illegible]	[illegible]
1356	6,7	[illegible]	[illegible]	[illegible]	− 0,60	66. 7.34,6	−1988,1	[illegible]	0,0
1357	–	0.27.23,75	+313,92	[illegible]	0,00	[illegible]	[illegible]	+ 6,3	[illegible]
1358	[illegible]	[illegible]	[illegible]	+2,04	+ 1,39	67. 0.37,2	[illegible]	+25,7	+14,4
1359	6	2.13.19,10	+338,00	[illegible]	0,00	[illegible]	[illegible]	[illegible]	0,0
1360	[illegible]	3.22.35,69	[illegible]	+1,81	0,08	67.32.26,0	−1271,4	[illegible]	+12,0
1361	[illegible]	[illegible]	+352,19	[illegible]	[illegible]	67. 7.11,7	[illegible]	+41,3	[illegible]
1362	[illegible]	[illegible]	+353,38	[illegible]	+ 0,40	67.48.36,2	−1070,3	[illegible]	+11,0
1363	6,6	3.51. 8,00	+355,01	[illegible]	+ [illegible]	67. 6.53,2	[illegible]	[illegible]	+ 2,0
1364	5,4	4.20.19,34	[illegible]	+1,36	+ 0,28	[illegible]	[illegible]	+47,6	+ 3,4
1365	[illegible]	4.36.14,53	+359,61	[illegible]	[illegible]	67.14. 5,4	− 716,4	+49,3	[illegible]
1366	3,5	[illegible]	[illegible]	+0,05	0,39	[illegible]	+ 77,3	+52,7	+ 1,6
1367	[illegible]	6.16.54,66	+362,62	−0,07	+ 0,47	67.26. 5,9	[illegible]	+52,8	+11,4
1368	5,8	6.59.17,18	[illegible]	[illegible]	0,10	67.12.46,6	+ 513,0	+50,8	+ 0,5
1369	3,6	7.14. 9,11	+358,86	−0,75	0,10	67.50. 0,3	[illegible]	+49,3	[illegible]
1370	6,5	[illegible]	[illegible]	[illegible]	0,00	[illegible]	+ 826,9	+47,3	0,0
1371	6,2	[illegible]	+356,18	−1,23	[illegible]	[illegible]	+1005,5	+44,6	− 0,5
1372	[illegible]	9. 3.36,69	+345,66	[illegible]	[illegible]	67.32.59,8	[illegible]	+34,5	[illegible]
1373	[illegible]	9. 4.36,24	[illegible]	[illegible]	− 0,04	67.35.51,0	+1446,0	[illegible]	1,8
1374	[illegible]	[illegible]	+324,05	[illegible]	[illegible]	67. 6.54,5	[illegible]	+13,3	− 2,0
1375	[illegible]	[illegible]	+308,09	[illegible]	[illegible]	67.20.55,1	+2005,2	[illegible]	[illegible]
1376	–	[illegible]	[illegible]	−0,65	+ 0,70	67.24.37,4	+1950,4	−10,3	[illegible]
1377	[illegible]	14.27.59,77	+273,62	[illegible]	− 1,07	67.18. 0,2	+1601,5	[illegible]	− 4,2
1378	[illegible]	[illegible]	[illegible]	[illegible]	− 0,24	67.47.26,3	[illegible]	−36,8	+ 0,5
1379	[illegible]	[illegible]	[illegible]	[illegible]	− 0,14	67.28.54,3	− 438,5	−35,8	[illegible]
1380	5,7	19.54.53,06	[illegible]	+0,07	− 0,65	67.10.16,1	− 963,6	−32,6	− 1,9
1381	[illegible]	23.20.23,24	+297,55	[illegible]	− 1,34	67. 8.47,4	−1974,8	[illegible]	− 3,0
1382	[illegible]	2.33. 8,20	[illegible]	+1,92	+ [illegible]	68.28.15,4	[illegible]	[illegible]	+ 2,1
1383	[illegible]	3.58.46,92	[illegible]	+1,51	+ 0,70	68.11.28,4	[illegible]	[illegible]	+ 5,8
1384	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.15.39,3	−1007,2	+44,9	[illegible]
1385	5,4	4.12.27,99	+353,84	[illegible]	+ 0,59	[illegible]	[illegible]	[illegible]	[illegible]
1386	[illegible]	4.13.41,43	[illegible]	[illegible]	0,07	68.28. 4,5	[illegible]	+46,5	+ 3,3
1387	[illegible]	4.18.18,29	+354,85	+1,35	− 0,85	[illegible]	− 860,8	+47,1	0,0
1388	[illegible]	4.57. 7,08	[illegible]	+0,92	+ 0,56	68.33.10,3	[illegible]	[illegible]	+ 4,9
1389	[illegible]	[illegible]	+358,44	+0,88	[illegible]	68.25.40,2	− 502,5	[illegible]	[illegible]
1390	[illegible]	[illegible]	[illegible]	+0,76	[illegible]	68. 0.24,8	[illegible]	+51,6	+ 8,2
1391	[illegible]	5.21.37,72	[illegible]	+0,66	0,11	68. 8.54,1	− 334,1	+51,9	− 0,6
1392	3,0	5.31.40,08	+358,36	[illegible]	0,06	68.55. 6,3	[illegible]	[illegible]	+ 3,2

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	D 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1393	[illegible]	6.45.33,43	+359,89	[illegible]	[illegible]	[illegible]	+395,9	+51,3	+3,8
1394	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	68.15.53,0	[illegible]	+48,6	[illegible]
1395	6	[illegible]	+356,99	−0,80	−0,56	68.21. 0,3	[illegible]	+48,5	+9,8
1396	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1016,6	+44,0	[illegible]
1397	[illegible]	8.37.30,03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+38,5	[illegible]
1398	7,0	9. 7.54,60	[illegible]	−1,55	[illegible]	68.18.17,5	+1466,0	+33,7	[illegible]
1399	7	[illegible]	+332,08	[illegible]	[illegible]	[illegible]	[illegible]	+23,0	[illegible]
1400	6	[illegible]	+332,00	−1,58	[illegible]	[illegible]	[illegible]	+21,8	+8,0
1401	[illegible]	[illegible]	+318,64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1402	[illegible]	11.35.35,12	[illegible]	[illegible]	[illegible]	[illegible]	+1993,8	[illegible]	+4,9
1403	5,7	[illegible]	[illegible]	[illegible]	+0,36	68.33. 0,5	[illegible]	[illegible]	+3,6
1404	[illegible]	[illegible]	[illegible]	−0,73	[illegible]	[illegible]	[illegible]	−7,3	+0,5
1405	5,1	12.48.22,31	[illegible]	−0,63	[illegible]	68.12.41,0	[illegible]	[illegible]	+1,6
1406	[illegible]	[illegible]	[illegible]	−0,52	[illegible]	68.18.36,2	[illegible]	[illegible]	+5,3
1407	[illegible]	[illegible]	[illegible]	+0,37	[illegible]	68.17.33,6	+800,0	[illegible]	+2,5
1408	[illegible]	17.57.16,86	[illegible]	[illegible]	[illegible]	68.24.13,6	+24,0	−37,1	[illegible]
1409	3,9	18.19.26,19	+254,18	[illegible]	[illegible]	68.16.33,4	[illegible]	[illegible]	+26,2
1410	[illegible]	19.11.55,07	[illegible]	[illegible]	[illegible]	[illegible]	−619,0	−35,5	[illegible]
1411	5,8	20.53.48,08	+268,19	[illegible]	[illegible]	[illegible]	[illegible]	−27,8	−0,6
1412	[illegible]	23.28.27,45	+299,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1413	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.17.20,3	−1983,1	[illegible]	−38,0
1414	[illegible]	0.34.39,60	[illegible]	[illegible]	[illegible]	69. 6.37,2	[illegible]	[illegible]	+2,5
1415	6,5	0.42.36,54	[illegible]	[illegible]	[illegible]	[illegible]	−1970,7	[illegible]	−1,6
1416	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69. 3.44,5	−1936,2	[illegible]	−1,5
1417	5,0	[illegible]	+320,57	[illegible]	[illegible]	[illegible]	−1936,1	[illegible]	+1,5
1418	6	[illegible]	+320,54	[illegible]	[illegible]	[illegible]	−1931,0	[illegible]	−8,6
1419	[illegible]	1. 6. 4,55	[illegible]	+1,70	[illegible]	69.29.48,8	[illegible]	[illegible]	[illegible]
1420	[illegible]	1.49. 6,84	+329,92	+1,83	[illegible]	[illegible]	−1781,7	+22,9	[illegible]
1421	6	1.54. 2,47	[illegible]	+1,86	+0,85	[illegible]	−1762,0	+23,7	[illegible]
1422	[illegible]	[illegible]	+333,94	[illegible]	[illegible]	69.15.31,0	−1704,3	+26,3	−1,6
1423	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+0,2
1424	[illegible]	[illegible]	+342,36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1425	5,0	[illegible]	+344,29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−8,2
1426	5,2	[illegible]	+345,44	[illegible]	[illegible]	[illegible]	[illegible]	+38,6	−3,3
1427	[illegible]	3.16.59,78	+344,90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−0,7
1428	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−0,1
1429	[illegible]	[illegible]	+351,35	+1,35	[illegible]	[illegible]	915,0	[illegible]	+3,8
1430	5,5	[illegible]	[illegible]	+1,36	[illegible]	69. 5.59,2	−898,4	[illegible]	+3,8
1431	5,4	[illegible]	+355,11	[illegible]	[illegible]	[illegible]	[illegible]	+50,3	+2,9
1432	[illegible]	[illegible]	+356,54	[illegible]	[illegible]	69.44.32,4	[illegible]	+52,0	[illegible]
1433	4,8	5.57.58,85	[illegible]	+0,90	[illegible]	[illegible]	−17,7	[illegible]	−0,6
1434	[illegible]	6.21.48,93	[illegible]	[illegible]	[illegible]	69. 8.57,8	[illegible]	[illegible]	+3,1
1435	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−201,1	[illegible]	+1,6
1436	[illegible]	6.58.10,71	[illegible]	[illegible]	−0,02	69.16.58,5	[illegible]	+50,1	−0,7
1437	[illegible]	[illegible]	[illegible]	[illegible]	−0,53	69.22. 3,4	−653,2	[illegible]	+0,8
1438	5,7	[illegible]	+354,05	[illegible]	[illegible]	69.32.33,7	[illegible]	+48,2	+1,1
1439	[illegible]	7.31.12,81	[illegible]	−0,84	[illegible]	[illegible]	[illegible]	[illegible]	10,0
1440	6,7	7.39.17,10	[illegible]	[illegible]	[illegible]	69.26.37,5	[illegible]	[illegible]	2,0
1441	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+3,5
1442	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.13. 8,5	[illegible]	[illegible]	+5,5
1443	[illegible]	[illegible]	+346,05	[illegible]	[illegible]	69.38.21,1	[illegible]	[illegible]	1,8
1444	[illegible]	[illegible]	[illegible]	−1,32	−0,43	69.40.32,5	+1251,3	[illegible]	[illegible]
1445	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	69.55.35,3	[illegible]	+38,8	[illegible]

N°	GRANDEUR	AR 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	D 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1446	6,5	[illegible]	[illegible]	[illegible]	— 0,77	69.46.50,0	[illegible]	[illegible]	+ 10,5
1447	[illegible]	10.14.27,[illegible]	[illegible]	—1,50	[illegible]	69.39. 9,1	[illegible]	[illegible]	15,2
1448	[illegible]	10.14.27,[illegible]	[illegible]	[illegible]	+ 2,12	[illegible]	1795,9	[illegible]	+ 15,2
1449	[illegible]	[illegible]	[illegible]	[illegible]	0,29	[illegible]	1929,9	[illegible]	4,7
1450	7	11. 8.25,92	[illegible]	[illegible]	2,70	69.19.27,2	+1954,8	+ 9,9	18,0
1451	5	[illegible]	[illegible]	—1,08	1,21	69.13.29,9	[illegible]	[illegible]	[illegible]
1452	6	12.48.36,45	[illegible]	—0,51	1,10	69.58.15,7	+1960,3	[illegible]	15,1
1453	6,5	[illegible]	[illegible]	—0,38	1,11	[illegible]	[illegible]	—13,9	4,6
1454	5	13.35.53,85	+287,00	[illegible]	[illegible]	[illegible]	—1832,2	17,7	2,0
1455	[illegible]	14.11.55,8[illegible]	[illegible]	[illegible]	[illegible]	69.24.41,8	+1682,2	—22,9	6,0
1456	5,1	[illegible]	+256,40	[illegible]	0,16	[illegible]	[illegible]	[illegible]	+ [illegible]
1457	4,3	[illegible]	+258,21	[illegible]	0,20	69.32.58,3	— 359,8	—36,8	+ [illegible]
1458	[illegible]	[illegible]	[illegible]	[illegible]	+ [illegible]	69.22.55,6	—1044,2	—32,6	— 11,0
1459	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,34	69. 8.59,6	—1248,3	—30,1	— 0,2
1460	[illegible]	[illegible]	[illegible]	+0,48	— 0,16	69.30.49,0	—1760,8	—19,0	+ 0,8
1461	6	22.18.50,74	[illegible]	+0,54	[illegible]	69.39.25,1	[illegible]	[illegible]	+ 1,0
1462	5,5	[illegible]	[illegible]	+0,78	[illegible]	69.46. 2,3	[illegible]	—11,7	— 6,6
1463	7	[illegible]	+298,35	—0,93	2,20	69.59.20,4	[illegible]	— 7,6	0,0
1464	5,5	0.27.20,7[illegible]	+312,98	[illegible]	0,81	[illegible]	[illegible]	+ 6,2	+ 4,0
1465	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	70.13. 2,8	—1828,0	+20,9	+ 67,0
1466	6,5	1.39.28,02	+327,27	+1,78	[illegible]	70.24.57,9	—1819,3	+20,7	+ 9,5
1467	[illegible]	[illegible]	[illegible]	[illegible]	0,59	70.58.17,2	[illegible]	[illegible]	+ 3,2
1468	[illegible]	2.12.33,71	+333,02	+1,80	0,07	70.33.40,9	[illegible]	[illegible]	+ 0,3
1469	[illegible]	2.25. 1,74	[illegible]	+1,80	0,43	70.35.19,0	—1616,9	+29,5	+ 2,5
1470	5,8	2.36.43,53	+337,32	[illegible]	0,09	70.24.52,6	[illegible]	+31,7	+ [illegible]
1471	4,6	3. 5.54,56	+341,26	[illegible]	[illegible]	[illegible]	[illegible]	+36,9	— 0,1
1472	[illegible]	3.36.32,76	+345,38	+1,55	0,13	70.37.11,7	—1174,8	[illegible]	— [illegible]
1473	[illegible]	3.38. 0,18	+345,49	[illegible]	0,73	70.39. 4,4	[illegible]	+41,4	+ 3,4
1474	6,6	[illegible]	+348,72	+1,46	— [illegible]	[illegible]	—1038,1	[illegible]	+ 3,0
1475	5,8	4. 3.20,35	+348,21	+1,37	[illegible]	70.39.18,7	— 977,0	+44,9	+ [illegible]
1476	[illegible]	5. 2.56,20	[illegible]	+0,83	— 0,10	70.16.12,1	[illegible]	+50,2	— 0,3
1477	[illegible]	[illegible]	+355,16	[illegible]	— 0,16	70.16.11,3	[illegible]	[illegible]	0,9
1478	[illegible]	[illegible]	[illegible]	+0,21	0,16	70.18.28,1	[illegible]	[illegible]	+ 1,2
1479	5,6	[illegible]	[illegible]	[illegible]	[illegible]	70.11.14,0	+ 53,3	[illegible]	[illegible]
1480	6	6. 8.57,83	+353,78	+0,10	— 0,80	70.48.34,8	[illegible]	[illegible]	+ [illegible]
1481	[illegible]	8.45. 3,72	[illegible]	[illegible]	0,00	70.47.40,9	+1322,6	+37,0	0,0
1482	[illegible]	[illegible]	+338,64	[illegible]	[illegible]	70.46.22,4	[illegible]	[illegible]	0,0
1483	[illegible]	[illegible]	+328,90	—1,47	[illegible]	70. 1.17,4	+1795,7	—21,1	+ 21,0
1484	6,5	[illegible]	[illegible]	—0,35	1,84	70.44.27,3	+1916,7	—13,4	+ [illegible]
1485	[illegible]	13.25.11,27	[illegible]	[illegible]	+ [illegible]	70.25.27,6	+1868,3	[illegible]	[illegible]
1486	[illegible]	14.11. 6,00	[illegible]	[illegible]	7,81	70.17.49,3	[illegible]	[illegible]	[illegible]
1487	[illegible]	[illegible]	+279,52	+0,10	0,52	70.19.24,9	+1633,0	—24,2	— 1,5
1488	4,6	[illegible]	[illegible]	+0,22	+ 1,00	70.29. 3,0	+1496,9	—27,6	— [illegible]
1489	7	[illegible]	+275,36	[illegible]	3,03	70.26.41,0	[illegible]	—27,6	23,4
1490	[illegible]	15.37. 5,51	[illegible]	+0,36	[illegible]	70. 0.27,8	[illegible]	—32,1	+ 5,8
1491	3,8	[illegible]	[illegible]	+0,38	[illegible]	70.36.43,9	[illegible]	[illegible]	[illegible]
1492	6	[illegible]	[illegible]	[illegible]	[illegible]	70.18.26,7	— 703,1	—35,6	+ [illegible]
1493	5,0	[illegible]	[illegible]	[illegible]	[illegible]	70.26.43,0	[illegible]	[illegible]	— 1,9
1494	[illegible]	19.54.18,59	+266,32	[illegible]	+ [illegible]	70.46.46,5	[illegible]	—33,8	2,5
1495	[illegible]	20.36.14,04	+270,36	[illegible]	[illegible]	70.25.41,7	[illegible]	—30,2	— 32,0
1496	[illegible]	[illegible]	+276,62	[illegible]	[illegible]	70.37.24,4	[illegible]	[illegible]	6,4
1497	[illegible]	[illegible]	+288,51	[illegible]	— 0,86	[illegible]	—1845,0	[illegible]	3,2
1498	6	22.31. 0,22	+289,08	[illegible]	0,00	70.14.24,5	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1499	5,8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 1865,8	[illegible]	[illegible]
1500	[illegible]	23. 1.34,11	[illegible]	[illegible]	[illegible]	70.37.46,2	[illegible]	[illegible]	[illegible]
1501	7	[illegible]	+321,70	[illegible]	+3,61	[illegible]	[illegible]	[illegible]	[illegible]
1502	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.20.53,2	[illegible]	+47,0	— 2,9
1503	[illegible]	[illegible]	+327,90	[illegible]	−0,65	[illegible]	—1786,0	[illegible]	[illegible]
1504	[illegible]	[illegible]	[illegible]	+1,23	[illegible]	71.11.16,6	[illegible]	+46,3	[illegible]
1505	[illegible]	[illegible]	[illegible]	+1,19	[illegible]	71. 2.28,6	[illegible]	[illegible]	[illegible]
1506	7	[illegible]	[illegible]	+1,06	[illegible]	71.26.45,9	[illegible]	[illegible]	[illegible]
1507	7	[illegible]	[illegible]	+1,00	[illegible]	[illegible]	[illegible]	+48,3	+38,4
1508	[illegible]	[illegible]	[illegible]	[illegible]	+0,59	71.19.48,9	[illegible]	[illegible]	+ 3,5
1509	5	[illegible]	[illegible]	[illegible]	[illegible]	71.29.20,7	— 505,6	+50,4	— 3,0
1510	[illegible]	[illegible]	[illegible]	[illegible]	—0,03	71.28.48,5	[illegible]	[illegible]	— 0,2
1511	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.31.52,0	[illegible]	[illegible]	— 0,8
1512	[illegible]	[illegible]	+352,51	+0,09	[illegible]	[illegible]	[illegible]	[illegible]	— 1,7
1513	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 850,1	[illegible]	[illegible]
1514	[illegible]	[illegible]	[illegible]	[illegible]	—0,38	71.20.48,0	[illegible]	[illegible]	[illegible]
1515	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 6,8
1516	[illegible]	[illegible]	[illegible]	+1,28	[illegible]	71.28.41,0	+1281,9	[illegible]	[illegible]
1517	7	[illegible]	[illegible]	[illegible]	[illegible]	71.28.32,4	[illegible]	[illegible]	+ 7,0
1518	[illegible]	9.13.24,11	—336,32	[illegible]	[illegible]	[illegible]	+1498,0	+31,8	[illegible]
1519	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71. 2.22,0	+1982,2	[illegible]	[illegible]
1520	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 3,8	[illegible]
1521	[illegible]	[illegible]	[illegible]	[illegible]	—0,07	[illegible]	[illegible]	— 6,6	[illegible]
1522	[illegible]	12.55.44,34	[illegible]	[illegible]	[illegible]	71. 5.23,7	[illegible]	—11,3	[illegible]
1523	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.56.29,7	[illegible]	—12,3	[illegible]
1524	[illegible]	[illegible]	[illegible]	[illegible]	—0,44	[illegible]	+1778,5	[illegible]	+36,3
1525	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.32.59,2	[illegible]	—33,1	[illegible]
1526	[illegible]	15.56.44,67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1527	[illegible]	16.50.58,45	[illegible]	—0,36	—0,82	[illegible]	[illegible]	[illegible]	— 2,5
1528	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	71.22.28,4	— 68,0	—38,2	0,0
1529	[illegible]	[illegible]	[illegible]	+0,09	[illegible]	71.55.48,4	[illegible]	—37,8	[illegible]
1530	[illegible]	19.42.55,74	[illegible]	—0,01	[illegible]	[illegible]	— 870,4	—34,8	— 1,7
1531	[illegible]	[illegible]	+266,18	—0,02	[illegible]	71. 6.31,9	— 883,0	—34,5	[illegible]
1532	[illegible]	20.23.44,96	[illegible]	+0,03	[illegible]	71.33.36,4	[illegible]	—31,6	+ 7,0
1533	[illegible]	21.33. 4,64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—23,8	[illegible]
1534	[illegible]	[illegible]	+304,77	[illegible]	[illegible]	[illegible]	[illegible]	— 1,6	+ 3,9
1535	[illegible]	[illegible]	+311,42	[illegible]	+0,71	72.39.39,3	[illegible]	— 5,3	— 2,3
1536	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72. 3. 0,5	[illegible]	[illegible]	— 8,0
1537	7	[illegible]	[illegible]	+1,67	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1538	5,5	1.51.53,08	[illegible]	[illegible]	0,11	[illegible]	[illegible]	+23,0	[illegible]
1539	[illegible]	2.25.21,51	[illegible]	[illegible]	+0,29	[illegible]	[illegible]	+29,4	[illegible]
1540	[illegible]	[illegible]	[illegible]	[illegible]	0,18	[illegible]	[illegible]	+32,5	[illegible]
1541	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+32,5	— 0,1
1542	[illegible]	2.50.11,20	+336,52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1543	[illegible]	2.50.47,50	[illegible]	[illegible]	[illegible]	72.22.31,9	—1474,6	+31,6	[illegible]
1544	[illegible]	3. 1.47,09	+337,29	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 0,9
1545	7	[illegible]	340,56	[illegible]	+0,80	[illegible]	—1531,6	+39,3	[illegible]
1546	6,0	[illegible]	[illegible]	[illegible]	+1,00	72.58.15,0	—1096,1	[illegible]	[illegible]
1547	5,7	3.55. 2,97	[illegible]	[illegible]	[illegible]	[illegible]	—1040,0	[illegible]	+ 3,8
1548	[illegible]	[illegible]	[illegible]	+1,18	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1549	4,7	4.18.19,75	[illegible]	+1,18	+0,72	[illegible]	— 860,7	[illegible]	+ 2,0

N°	GRANDEUR	Æ 1900.0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	Ꝺ 1900.0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
1550	[illegible]	[illegible]	[illegible]	[illegible]	− 0,78	72.18. 2,9	− 849,6	+46,3	[illegible]
1551	5,2	[illegible]	[illegible]	+0,62	+ 1,57	72.42.34,3	[illegible]	+50,1	0,6
1552	5,4	[illegible]	[illegible]	+0,60	[illegible]	72. 7.25,6	− 336,8	+50,4	0,3
1553	5,5	5.41.36,36	[illegible]	+0,37	+ 0,04	72.18.30,0	− 160,7	+50,9	+ 0,9
1554	6,5	[illegible]	[illegible]	−0,09	0,00	72.59.28,0	+ 221,5	+50,4	0,0
1555	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72. 9. 0,2	[illegible]	+50,6	2,5
1556	[illegible]	6.26.28,33	+350,04	[illegible]	+ 0,13	72. 8.42,9	[illegible]	+50,6	− 4,1
1557	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.15.24,4	[illegible]	+50,2	+ 8,0
1558	6	[illegible]	+346,00	[illegible]	[illegible]	72.42. 2,4	[illegible]	+46,7	0,0
1559	[illegible]	7.33.42,09	[illegible]	−0,78	[illegible]	[illegible]	+ 797,1	+46,1	− 1,8
1560	6,0	7.55. 3,52	[illegible]	[illegible]	− 0,22	72.25. 1,7	[illegible]	[illegible]	− 1,0
1561	[illegible]	8. 6.28,67	[illegible]	[illegible]	[illegible]	72. 3. 1,8	[illegible]	+42,4	+12,8
1562	6	[illegible]	[illegible]	[illegible]	[illegible]	72.37.27,3	[illegible]	[illegible]	[illegible]
1563	3,6	[illegible]	[illegible]	[illegible]	[illegible]	72.44.58,5	+1744,3	+22,8	+ 0,4
1564	6,5	11. 3.23,80	[illegible]	[illegible]	− 0,30	[illegible]	[illegible]	[illegible]	+15,0
1565	−	[illegible]	[illegible]	[illegible]	− 1,05	72. 2.51,5	+1970,4	+ 7,8	0,0
1566	[illegible]	[illegible]	[illegible]	−0,98	− 1,24	72.59.37,5	+1975,4	[illegible]	0,0
1567	6,3	[illegible]	+306,28	[illegible]	0,17	72.38. 3,5	+2004,6	[illegible]	− 0,3
1568	[illegible]	[illegible]	+297,16	−0,40	[illegible]	72. 3. 5,8	[illegible]	[illegible]	[illegible]
1569	−	[illegible]	[illegible]	[illegible]	+ 4,38	[illegible]	[illegible]	[illegible]	+25,2
1570	[illegible]	[illegible]	+288,50	[illegible]	[illegible]	[illegible]	[illegible]	−18,5	[illegible]
1571	[illegible]	[illegible]	+280,28	[illegible]	[illegible]	72.36.44,3	[illegible]	−27,0	+ 5,2
1572	[illegible]	15.31. 0,87	+272,70	+0,38	0,41	72. 0.42,3	[illegible]	−32,1	[illegible]
1573	[illegible]	16. 3.33,66	+270,84	[illegible]	[illegible]	72.41.12,9	[illegible]	[illegible]	+ 2,3
1574	6,0	[illegible]	+270,84	+0,41	− 0,70	[illegible]	[illegible]	[illegible]	[illegible]
1575	[illegible]	18.51.41,37	+264,98	+0,08	0,50	[illegible]	− 448,4	[illegible]	+16,5
1576	[illegible]	19.35.37,57	[illegible]	[illegible]	0,00	72.12.58,6	[illegible]	−35,4	[illegible]
1577	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	72.45.20,7	[illegible]	−35,5	+ 3,2
1578	5	[illegible]	[illegible]	[illegible]	0,00	72.50.12,5	[illegible]	−30,5	0,0
1579	6,5	23. 1.19,80	+296,28	[illegible]	+ 1,45	72. 1.28,3	[illegible]	[illegible]	− 5,4
1580	−	[illegible]	[illegible]	[illegible]	[illegible]	72.44. 3,7	−1986,3	− 5,2	− 2,8
1581	[illegible]	[illegible]	+302,20	[illegible]	[illegible]	72. 9.12,6	[illegible]	[illegible]	− 0,5
1582	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.35.57,0	[illegible]	+ 9,1	+20,0
1583	−	[illegible]	+321,36	[illegible]	0,00	73.26.17,1	−1875,1	+17,3	0,0
1584	[illegible]	[illegible]	+322,93	+1,51	[illegible]	[illegible]	[illegible]	+18,8	− 4,3
1585	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,15	73.32.32,7	[illegible]	+21,2	+ 1,6
1586	[illegible]	4.17.40,65	[illegible]	[illegible]	+ 0,57	73.27.21,2	[illegible]	[illegible]	+ 3,2
1587	[illegible]	4.22.43,26	[illegible]	[illegible]	0,04	73.51.50,6	[illegible]	[illegible]	[illegible]
1588	[illegible]	[illegible]	[illegible]	[illegible]	0,47	[illegible]	[illegible]	+46,7	+18,9
1589	[illegible]	4.51.35,69	[illegible]	[illegible]	[illegible]	73. 0.12,2	[illegible]	[illegible]	− 0,1
1590	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	73.31. 4,8	[illegible]	+50,3	+ 1,3
1591	1,9	[illegible]	[illegible]	−0,17	+ 0,33	73.30.55,1	+ 278,4	[illegible]	[illegible]
1592	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+48,7	− 1,3
1593	6,5	[illegible]	+346,44	[illegible]	0,00	73.10.54,2	[illegible]	[illegible]	0,0
1594	[illegible]	7. 2.37,96	+344,35	−0,47	[illegible]	[illegible]	[illegible]	+48,1	[illegible]
1595	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,19	73.40.16,5	+ 583,0	+47,9	+ 4,2
1596	3,6	[illegible]	[illegible]	[illegible]	0,29	[illegible]	[illegible]	+47,5	+ 4,5
1597	5,0	[illegible]	+342,91	[illegible]	[illegible]	[illegible]	[illegible]	+46,1	+ 0,5
1598	[illegible]	7.51.18,83	[illegible]	[illegible]	[illegible]	73.56.33,1	[illegible]	+43,5	[illegible]
1599	[illegible]	[illegible]	[illegible]	[illegible]	− 0,18	73.16. 8,8	+ 970,6	[illegible]	− 0,3
1600	[illegible]	9.31.31,59	[illegible]	−1,25	0,25	73. 6.50,3	[illegible]	+28,6	[illegible]
1601	[illegible]	[illegible]	+308,84	−0,74	+ 0,10	73.47.48,3	+2003,0	[illegible]	[illegible]
1602	[illegible]	[illegible]	+290,04	[illegible]	[illegible]	73.42.22,2	[illegible]	[illegible]	[illegible]

Nos	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	Ⓟ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s				° ′ ″	″		
1603	[illegible]	[illegible]	[illegible]	+0,16	[illegible]	[illegible]	+1667,1	[illegible]	[illegible]
1604	4,6	[illegible]	[illegible]	+0,24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1605	6,2	[illegible]	[illegible]	[illegible]	[illegible]	73.36.18,4	[illegible]	—33,2	[illegible]
1606	5,8	[illegible]	[illegible]	+0,41	[illegible]	73.39.10,6	[illegible]	—33,0	[illegible]
1607	[illegible]	16. 6.57,02	[illegible]	+0,42	— 0,23	[illegible]	[illegible]	—35,2	[illegible]
1608	[illegible]	[illegible]	+267,02	+0,22	[illegible]	73.14.37,2	[illegible] 38,4	—38,9	[illegible]
1609	6	[illegible]	[illegible]	+0,07	[illegible]	73.17.45,7	[illegible]	[illegible]	[illegible]
1610	[illegible]	[illegible]	+271,45	[illegible]	+ 0,11	73.45.43,2	[illegible]	[illegible]	[illegible]
1611	[illegible]	[illegible]	[illegible]	—0,02	— 0,04	73.37.49,0	[illegible]	[illegible]	[illegible]
1612	6	[illegible]	[illegible]	[illegible]	— 2,80	73.12. 3,2	[illegible]	[illegible]	+ 42,0
1613	[illegible]	21.39.46,54	+283,95	[illegible]	+ 0,20	73. 6.33,0	—1641,4	—23,1	+ 0,4
1614	7	[illegible]	+297,36	+0,69	— 1,50	73.58.15,6	[illegible]	—10,3	+ 22,0
1615	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—2002,2	+ 2,8	[illegible]
1616	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1617	6,5	[illegible]	+318,31	[illegible]	[illegible]	74.23.44,4	[illegible]	[illegible]	[illegible]
1618	[illegible]	[illegible]	[illegible]	+1,51	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1619	[illegible]	2.59. 6,61	+333,32	+1,51	— 0,30	74.31.56,3	[illegible]	+34,7	[illegible]
1620	[illegible]	4.10. 5,51	[illegible]	[illegible]	[illegible]	[illegible]	— 925,3	[illegible]	+ 1,0
1621	3,9	[illegible]	[illegible]	+1,14	[illegible]	74.36.49,5	[illegible]	[illegible]	[illegible]
1622	[illegible]	4.19.54,70	[illegible]	[illegible]	[illegible]	[illegible]	— 848,0	[illegible]	+ 0,8
1623	[illegible]	4.20.38,77	+340,67	+1,10	[illegible]	[illegible]	[illegible]	+45,4	+ 1,4
1624	[illegible]	4.22.51,60	+341,61	[illegible]	+ 0,48	74.15.35,2	[illegible]	[illegible]	+ 1,5
1625	[illegible]	4.22.57,07	+341,41	[illegible]	[illegible]	74.21. 3,1	[illegible]	[illegible]	[illegible]
1626	5,7	4.24.26,39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+45,9	[illegible]
1627	5,0	[illegible]	+342,29	[illegible]	[illegible]	[illegible]	[illegible]	+46,0	[illegible]
1628	5,5	[illegible]	+341,14	[illegible]	[illegible]	74.31.32,7	[illegible]	+45,8	+ 2,2
1629	6,5	4.26. 8,94	+341,60	[illegible]	[illegible]	[illegible]	[illegible]	+46,0	+ 2,6
1630	5,1	4.33.26,14	[illegible]	+1,00	+ 0,09	74.23.48,3	[illegible]	[illegible]	+ 6,6
1631	4,8	[illegible]	[illegible]	[illegible]	+ 0,50	74.16.48,6	— 738,5	[illegible]	+ 2,2
1632	6,2	4.44. 0,75	[illegible]	+0,92	[illegible]	74.16.13,0	[illegible]	[illegible]	[illegible]
1633	[illegible]	4.58.51,26	[illegible]	+0,76	[illegible]	74.44. 6,2	[illegible]	[illegible]	+ 3,6
1634	[illegible]	[illegible]	+343,16	[illegible]	[illegible]	74.31.49,2	[illegible]	[illegible]	[illegible]
1635	[illegible]	8.45.27,30	[illegible]	[illegible]	[illegible]	74.16.42,5	[illegible]	+36,3	[illegible]
1636	5,2	8.51.40,30	[illegible]	—1,15	[illegible]	74.17.37,5	+1365,4	+35,3	— 3,3
1637	5,6	[illegible]	+335,23	[illegible]	+ 0,31	74. 2. 5,0	[illegible]	+35,3	— 3,6
1638	6,5	9. 6.49,24	+332,53	[illegible]	[illegible]	74.36. 3,5	+1459,4	[illegible]	[illegible]
1639	[illegible]	9. 9.42,63	+332,10	[illegible]	[illegible]	74.38.37,5	[illegible]	+32,2	[illegible]
1640	6,2	10.16.27,71	+323,43	—1,15	— 0,51	74.31.12,9	[illegible]	[illegible]	[illegible]
1641	7	[illegible]	[illegible]	[illegible]	[illegible]	74. 8.52,6	[illegible]	+20,0	[illegible]
1642	3,4	[illegible]	[illegible]	—0,98	[illegible]	[illegible]	+1955,2	[illegible]	[illegible]
1643	6,0	[illegible]	[illegible]	—0,89	— 0,34	74. 2. 3,9	+1981,2	+ 6,3	+ 4,2
1644	[illegible]	[illegible]	+309,76	[illegible]	[illegible]	74.52. 8,1	[illegible]	+ 2,2	[illegible]
1645	6	[illegible]	+305,51	[illegible]	[illegible]	74.32.38,7	+2003,0	[illegible]	[illegible]
1646	5,6	[illegible]	+290,04	[illegible]	[illegible]	74.51.44,2	+1762,9	[illegible]	[illegible]
1647	5,5	15.21. 9,07	+278,18	[illegible]	[illegible]	74.13.13,5	+1280,9	—31,7	+ 2,4
1648	[illegible]	[illegible]	+277,81	[illegible]	[illegible]	74.34. 4,7	+1207,9	—32,8	— 2,6
1649	3,7	[illegible]	+276,24	+0,43	[illegible]	74.15.55,3	[illegible]	— 33,8	[illegible]
1650	[illegible]	15.51.50,03	[illegible]	+0,57	+ 2,11	74. 0.43,5	+1063,6	[illegible]	[illegible]
1651	6,4	16.47.31,67	[illegible]	+0,39	[illegible]	74.51.29,2	[illegible]	— 38,1	— 1,4
1652	[illegible]	17.37.29,34	[illegible]	+0,27	[illegible]	[illegible]	+ 196,6	—39,1	[illegible]
1653	[illegible]	[illegible]	[illegible]	—0,03	[illegible]	74.14.58,2	[illegible]	[illegible]	— 0,1
1654	[illegible]	20.34.26,62	+278,33	[illegible]	[illegible]	[illegible]	[illegible]	—31,2	+ 0,6
1655	3,9	20.34.59,61	+278,21	[illegible]	[illegible]	74.26.26,4	—1254,7	[illegible]	[illegible]

N°	Grandeur	α 1900.0	Précession	Variation séculaire	Mouvement propre	δ 1900.0	Précession	Variation séculaire	Mouvement propre
1656	[illegible]	[illegible]	+278,55	+0,02	[illegible]	74°.14′.10″,3	[illegible]	−30″,3	[illegible] 19,6
1657	[illegible]	23.37.39,13	+303,59	[illegible]	+0,44	74.13. 9,9	[illegible]	[illegible]	− 1,2
1658	[illegible]	[illegible]	[illegible]	[illegible]	+0,03	75.22.20,5	−2003,4	[illegible]	+ 1,0
1659	[illegible]	[illegible]	+312,08	[illegible]	[illegible]	75.19. 7,4	−1986,2	+ 7,0	[illegible]
1660	[illegible]	[illegible]	316,09	[illegible]	[illegible]	[illegible]	−1936,8	+12,7	[illegible]
1661	[illegible]	1.26. 7,85	+320,22	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,3
1662	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.11.19,3	[illegible]	[illegible]	+ 1,6
1663	6,5	[illegible]	[illegible]	[illegible]	[illegible]	75.24.29,9	[illegible]	+29,3	− 3,6
1664	[illegible]	2.39. 2,20	+330,00	[illegible]	[illegible]	75. 6.42,6	−1541,5	+31,3	+ 2,2
1665	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+32,6	[illegible]
1666	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75. 8.39,3	[illegible]	[illegible]	[illegible]
1667	[illegible]	[illegible]	[illegible]	+1,06	[illegible]	[illegible]	[illegible]	+45,2	+ 2,3
1668	[illegible]	4.28.10,36	[illegible]	+1,01	+0,71	75.21.56,7	[illegible]	[illegible]	[illegible]
1669	[illegible]	[illegible]	+339,07	+0,84	−0,04	75.54.57,1	− 628,8	+47,2	+ 5,6
1670	[illegible]	5.28.13,15	+340,86	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1671	[illegible]	[illegible]	[illegible]	+0,36	[illegible]	[illegible]	[illegible]	+49,7	+ 5,5
1672	6,0	5.45. 6,95	[illegible]	−0,33	[illegible]	75.35. 7,7	− 130,1	[illegible]	+ 1,1
1673	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.51.13,3	[illegible]	[illegible]	+ 0,2
1674	[illegible]	5.59.16,03	[illegible]	+0,19	[illegible]	75.36. 5,2	− 6,4	[illegible]	[illegible]
1675	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.13.10,3	+ 16,3	+50,0	+ 2,5
1676	[illegible]	[illegible]	+341,12	[illegible]	+0,14	75.46. 7,3	[illegible]	[illegible]	+ 3,3
1677	[illegible]	[illegible]	+335,37	−0,98	[illegible]	75.27.29,2	[illegible]	[illegible]	+ 2,2
1678	[illegible]	9.30.24,96	+328,76	[illegible]	−0,31	75.10.26,8	+1593,1	+28,5	+ 0,4
1679	[illegible]	9.38.17,22	[illegible]	−1,15	[illegible]	75.31.15,0	[illegible]	+27,0	+ 0,9
1680	[illegible]	10.11.18,68	+322,75	[illegible]	−0,33	[illegible]	[illegible]	+20,8	+ 2,5
1681	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	75.20.58,3	[illegible]	+17,8	− 2,4
1682	[illegible]	[illegible]	[illegible]	−1,04	−0,98	75.16.38,4	+1887,7	+15,0	+ 5,8
1683	[illegible]	11.26.35,18	[illegible]	[illegible]	[illegible]	[illegible]	+1984,0	+ 6,3	+19,0
1684	[illegible]	[illegible]	[illegible]	−0,71	[illegible]	75. 9.35,1	2000,0	+ 2,5	− 3,5
1685	[illegible]	13.23.32,35	[illegible]	[illegible]	−1,68	[illegible]	+1873,0	[illegible]	+58,4
1686	[illegible]	14.36.22,41	[illegible]	+0,33	+0,37	75.50.34,1	+1555,9	[illegible]	[illegible]
1687	[illegible]	14.51.29,99	+283,12	+0,36	−0,21	75. 8.58,6	+1469,1	−28,7	[illegible] 1,1
1688	[illegible]	[illegible]	+276,39	[illegible]	[illegible]	75.44.11,8	+ 840,9	−36,9	[illegible]
1689	[illegible]	16.58.32,89	[illegible]	+0,38	[illegible]	[illegible]	[illegible]	−38,8	+ 4,2
1690	[illegible]	[illegible]	[illegible]	+0,34	−0,08	[illegible]	+ 433,1	−39,1	[illegible]
1691	[illegible]	[illegible]	272,69	+0,06	[illegible]	[illegible]	[illegible]	−38,3	+ 8,1
1692	[illegible]	[illegible]	+277,23	[illegible]	+0,41	75. 6.25,7	−1074,5	−33,8	[illegible]
1693	[illegible]	20.30.38,04	+280,21	[illegible]	[illegible]	[illegible]	−1224,8	−31,9	− 0,3
1694	[illegible]	[illegible]	+280,57	−0,04	+0,82	75.45.10,2	[illegible]	−31,8	+ 3,5
1695	[illegible]	20.36.35,27	+280,99	[illegible]	−0,18	[illegible]	−1265,9	−31,3	[illegible]
1696	[illegible]	20.38.47,43	+280,23	[illegible]	[illegible]	75.17. 3,7	[illegible]	−30,9	[illegible]
1697	[illegible]	21.39.41,97	+287,67	+0,13	[illegible]	75.41. 1,9	[illegible]	−23,6	+10,3
1698	6	22.35.55,33	+295,30	+0,38	[illegible]	75.58.37,1	[illegible]	−15,2	[illegible]
1699	[illegible]	[illegible]	+298,15	+0,58	[illegible]	75.19.58,2	[illegible]	[illegible]	[illegible]
1700	[illegible]	0.19.27,46	[illegible]	[illegible]	[illegible]	[illegible]	−1998,0	[illegible]	+ 0,5
1701	[illegible]	[illegible]	[illegible]	+1,20	[illegible]	76.35.23,7	−1956,0	[illegible]	0,0
1702	[illegible]	[illegible]	[illegible]	+1,19	0,00	76.50.40,8	[illegible]	+11,1	0,0
1703	7	[illegible]	+320,33	[illegible]	+0,42	76.13.18,7	[illegible]	[illegible]	+ 3,4
1704	6,2	[illegible]	[illegible]	+1,13	[illegible]	76.52. 0,2	[illegible]	+43,0	[illegible]
1705	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.38.37,3	− 596,8	+47,2	+ 4,6
1706	[illegible]	5.50.20,51	[illegible]	[illegible]	+3,06	[illegible]	[illegible]	+49,6	[illegible]
1707	3,4	6.39.40,63	+337,64	[illegible]	[illegible]	76.59.47,3	+ 345,3	+48,1	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	Ⓓ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1708	[illegible]	6.49. 0,19	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1709	–	[illegible]	[illegible]	−0,82	[illegible]	[illegible]	[illegible]	[illegible]	0,0
1710	[illegible]	8. 3. 7,12	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,9
1711	5,8	8.37.41,72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1712	–	9.29.34,10	+326,26	−1,07	[illegible]	[illegible]	[illegible]	[illegible]	0,0
1713	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	76.27.59,2	[illegible]	+15,6	0,4
1714	7,0	[illegible]	[illegible]	[illegible]	[illegible]	76. 9. 4,5	[illegible]	[illegible]	3,0
1715	–	10.13. 2,53	+321,29	[illegible]	[illegible]	76.52.38,0	[illegible]	[illegible]	[illegible]
1716	[illegible]	11.10.38,05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1,8
1717	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1694,6	−22,8	[illegible]
1718	[illegible]	15.48.32,55	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−34,4	[illegible]
1719	6,0	[illegible]	[illegible]	−0,38	[illegible]	76.15. 9,3	[illegible]	[illegible]	[illegible]
1720	6,1	16.59.21,87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1721	[illegible]	18.54.29,45	−276,10	−0,04	[illegible]	76.30.38,2	[illegible]	[illegible]	[illegible]
1722	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1723	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1724	[illegible]	0. 0.33,85	−307,35	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1725	–	0.30.43,89	[illegible]	−1,03	[illegible]	[illegible]	[illegible]	[illegible]	+18,8
1726	6,1	[illegible]	[illegible]	[illegible]	−0,03	[illegible]	[illegible]	[illegible]	[illegible]
1727	[illegible]	2.31.10,61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1728	[illegible]	2.39.30,51	−325,53	[illegible]	−0,73	[illegible]	[illegible]	[illegible]	[illegible]
1729	[illegible]	3.25.21,07	−330,55	[illegible]	[illegible]	77.24.21,3	[illegible]	[illegible]	−0,2
1730	3,5	3.55. 8,55	+331,96	[illegible]	−0,02	77.47.31,6	[illegible]	[illegible]	−1,1
1731	6,5	4. 8.42,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1732	[illegible]	[illegible]	[illegible]	−0,92	[illegible]	[illegible]	746,6	[illegible]	[illegible]
1733	–	5.23.14,36	[illegible]	−0,52	[illegible]	[illegible]	[illegible]	[illegible]	25,6
1734	[illegible]	[illegible]	[illegible]	−0,10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1735	[illegible]	[illegible]	[illegible]	−0,54	[illegible]	[illegible]	[illegible]	45,2	[illegible]
1736	[illegible]	8.21.12,09	[illegible]	[illegible]	[illegible]	77. 0.55,4	[illegible]	[illegible]	9,3
1737	6	8.41.27,03	[illegible]	−0,95	−0,63	77.31.21,5	[illegible]	[illegible]	−3,4
1738	–	[illegible]	+330,48	−0,98	0,00	77. 5. 3,4	+1510,0	+36,0	0,0
1739	5,7	[illegible]	[illegible]	0,96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1740	[illegible]	8.53. 1,15	−328,36	[illegible]	[illegible]	[illegible]	+1375,7	[illegible]	[illegible]
1741	6,1	9.41. 0,10	−323,84	[illegible]	[illegible]	[illegible]	[illegible]	26,3	2,9
1742	[illegible]	9.52.50,62	[illegible]	1,05	[illegible]	[illegible]	[illegible]	[illegible]	2,7
1743	[illegible]	[illegible]	+321,65	[illegible]	[illegible]	77.32.38,2	[illegible]	[illegible]	[illegible]
1744	[illegible]	[illegible]	−301,84	[illegible]	[illegible]	77.29.12,8	[illegible]	[illegible]	1,9
1745	[illegible]	14.36.55,21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11,4
1746	[illegible]	15.17.39,01	[illegible]	[illegible]	−0,19	[illegible]	[illegible]	[illegible]	1,8
1747	[illegible]	[illegible]	−277,69	−0,58	[illegible]	77. 7.19,1	[illegible]	[illegible]	[illegible]
1748	[illegible]	17.30.17,54	−277,53	−0,53	[illegible]	77.22. 2,4	[illegible]	[illegible]	−25,5
1749	5,4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	644,4	−38,4	[illegible]
1750	[illegible]	[illegible]	[illegible]	−0,08	[illegible]	77.18.56,1	[illegible]	[illegible]	[illegible]
1751	[illegible]	20.44.51,84	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1752	[illegible]	20.50.52,26	[illegible]	[illegible]	[illegible]	77.48.50,7	[illegible]	[illegible]	[illegible]
1753	[illegible]	21.56.13,04	−291,82	[illegible]	[illegible]	[illegible]	[illegible]	21,2	5,1
1754	[illegible]	[illegible]	+293,96	−0,19	[illegible]	[illegible]	[illegible]	19,4	[illegible]
1755	[illegible]	23.24. 5,80	−302,72	+0,61	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1756	5,7	[illegible]	−312,17	−1,05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1757	[illegible]	1.31.47,76	[illegible]	+1,25	[illegible]	[illegible]	[illegible]	[illegible]	5,1
1758	[illegible]	5.10.30,76	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1759	[illegible]	7.19.24,83	[illegible]	−0,48	[illegible]	78. 8. 4,7	[illegible]	[illegible]	0,4

N°	GRANDEUR	AR 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	𝒟 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ' ''	''	''	''
1760	5,2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+32,6	+ 1,3
1761	5,2	9.26.33,41	[illegible]	[illegible]	[illegible]	78.15.26,0	+1571,9	[illegible]	+ 8,4
1762	–	[illegible]	[illegible]	[illegible]	+ 0,31	78.59.15,6	+1821,6	[illegible]	+ 6,5
1763	5,3	10.44. 0,12	[illegible]	−0,80	[illegible]	78.55.32,3	+1895,5	[illegible]	+ 3,3
1764	[illegible]	11.18.42,70	[illegible]	−0,64	+ 1,03	78.55.11,5	+1972,2	[illegible]	+ 8,3
1765	–	[illegible]	[illegible]	[illegible]	+ 0,20	78.36.21,9	[illegible]	[illegible]	+59,0
1766	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	78.30.12,2	+1942,6	[illegible]	[illegible]
1767	[illegible]	13.58.37,49	+294,08	+0,28	+ 0,55	78.43.26,2	+1742,5	[illegible]	+30,0
1768	5,5	[illegible]	+281,78	+0,49	[illegible]	78.17.51,5	[illegible]	[illegible]	[illegible]
1769	[illegible]	[illegible]	[illegible]	+0,24	[illegible]	78.50.42,9	[illegible]	[illegible]	+18,0
1770	[illegible]	[illegible]	+281,61	[illegible]	[illegible]	78.35. 6,2	[illegible]	−38,7	− 1,4
1771	5,3	19.20.12,14	+281,17	[illegible]	[illegible]	78.16.11,2	[illegible]	[illegible]	−63,4
1772	[illegible]	[illegible]	+282,32	[illegible]	[illegible]	78.24.33,0	[illegible]	−37,2	− 1,7
1773	6,0	19.43.59,26	+282,67	−0,09	[illegible]	78.25.59,4	[illegible]	−36,7	[illegible]
1774	6,5	19.47.22,57	+283,32	[illegible]	− 2,30	78.37. 9,1	[illegible]	[illegible]	+33,0
1775	[illegible]	[illegible]	+283,93	[illegible]	[illegible]	78.50.30,4	[illegible]	−36,2	[illegible]
1776	5,5	21.52. 3,73	[illegible]	+0,08	[illegible]	78.23.54,9	[illegible]	[illegible]	+ 1,2
1777	5,1	22.16.35,76	[illegible]	+0,20	[illegible]	78.17.55,6	[illegible]	−18,0	[illegible]
1778	[illegible]	[illegible]	+298,03	[illegible]	+ 1,30	78.20.25,2	[illegible]	[illegible]	[illegible]
1779	[illegible]	22.54.11,64	+299,74	+0,38	+ 0,19	78.48.21,3	[illegible]	−11,6	+ 4,7
1780	5,2	23.18. 1,87	+302,19	+0,55	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,6
1781	[illegible]	[illegible]	+307,81	+0,77	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,3
1782	–	1.17.36,88	[illegible]	[illegible]	0,00	[illegible]	[illegible]	+16,0	0,0
1783	[illegible]	[illegible]	[illegible]	[illegible]	− 0,62	79.27. 6,7	−1796,3	+21,3	+ 3,1
1784	5,5	2.19.27,33	+320,92	+1,27	[illegible]	79.50.32,1	[illegible]	[illegible]	+ 2,2
1785	6,3	[illegible]	+322,67	+1,28	[illegible]	79.41. 4,7	[illegible]	[illegible]	+ 2,8
1786	5,1	3.24.56,46	+327,48	+1,22	[illegible]	79. 0.23,8	[illegible]	[illegible]	+ 2,0
1787	5,1	[illegible]	[illegible]	[illegible]	− 0,05	[illegible]	[illegible]	+40,0	+ 2,1
1788	[illegible]	9.26.36,04	[illegible]	[illegible]	[illegible]	79.50.35,0	+1572,6	+28,6	− 0,9
1789	3,8	9.35.48,88	[illegible]	[illegible]	[illegible]	[illegible]	+1620,9	+26,7	+ 3,3
1790	4,6	10. 2.35,86	+319,40	[illegible]	[illegible]	[illegible]	[illegible]	+22,2	+ 3,8
1791	[illegible]	10.22.22,06	[illegible]	−0,83	[illegible]	79.43.40,3	+1825,9	+18,4	−15,5
1792	5,8	12. 8.20,39	+306,34	[illegible]	[illegible]	79.10.52,8	+2003,9	− 2,0	+ 0,4
1793	[illegible]	[illegible]	+303,16	[illegible]	[illegible]	79.12.48,0	+1978,9	− 7,9	+10,7
1794	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1972,8	− 8,3	+45,0
1795	[illegible]	13.57.37,46	+295,50	+0,33	[illegible]	79.49.46,4	+1746,9	[illegible]	+ 3,0
1796	[illegible]	[illegible]	+293,87	+0,34	− 0,20	79.25.42,9	+1691,5	−23,2	+16,0
1797	[illegible]	[illegible]	[illegible]	+0,52	[illegible]	79. 7.41,0	[illegible]	−33,7	− 2,4
1798	3,0	[illegible]	+286,88	[illegible]	[illegible]	[illegible]	+1290,5	[illegible]	[illegible]
1799	6,5	[illegible]	+287,80	[illegible]	[illegible]	79.39.19,7	+1209,0	−33,9	[illegible]
1800	[illegible]	16.49.16,55	[illegible]	+0,44	[illegible]	79.40.12,5	+ 608,9	[illegible]	[illegible]
1801	[illegible]	[illegible]	+283,98	[illegible]	[illegible]	[illegible]	[illegible]	− 40,4	+13,8
1802	[illegible]	[illegible]	+282,65	+0,40	[illegible]	79.17.37,2	[illegible]	−40,0	+ 2,6
1803	5,5	[illegible]	+281,88	[illegible]	[illegible]	[illegible]	+ 400,5	[illegible]	[illegible]
1804	–	[illegible]	[illegible]	+0,17	− 0,60	[illegible]	[illegible]	[illegible]	+21,0
1805	2,8	19.41.30,33	[illegible]	[illegible]	[illegible]	79.37.50,0	[illegible]	−37,2	+ 0,3
1806	5,5	[illegible]	[illegible]	[illegible]	+ 1,50	79.50. 5,6	[illegible]	[illegible]	+16,0
1807	[illegible]	[illegible]	+286,56	[illegible]	+ 0,12	79. 4.33,5	[illegible]	−33,1	− 1,1
1808	4,0	[illegible]	+286,59	[illegible]	[illegible]	[illegible]	[illegible]	−32,8	[illegible]
1809	[illegible]	[illegible]	[illegible]	+0,24	[illegible]	[illegible]	[illegible]	−14,8	[illegible]
1810	[illegible]	[illegible]	+309,57	[illegible]	[illegible]	[illegible]	[illegible]	+ 4,8	[illegible]
1811	[illegible]	[illegible]	+320,63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	D 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
1812	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.18.28,5	[illegible]	+31,1	[illegible]
1813	3,8	[illegible]	[illegible]	[illegible]	− 0,40	80.36.57,4	−1276,8	+37,1	− 4,6
1814	[illegible]	4.30. 9,45	+328,96	+0,87	[illegible]	[illegible]	[illegible]	+44,6	[illegible]
1815	5,5	[illegible]	[illegible]	[illegible]	[illegible]	80. 0.29,6	− 608,1	+46,1	[illegible]
1816	6,5	[illegible]	[illegible]	[illegible]	0,10	80.39. 0,7	− 500,7	[illegible]	[illegible]
1817	4,5	5.29.19,81	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1818	6,0	[illegible]	+330,32	[illegible]	[illegible]	80. 7.57,3	[illegible]	+47,8	[illegible]
1819	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	80.45.49,0	[illegible]	[illegible]	+30,5
1820	5,5	[illegible]	+330,41	[illegible]	0,00	80. 9.35,2	[illegible]	+48,1	0,0
1821	[illegible]	5.56.52,91	[illegible]	[illegible]	[illegible]	80.21.10,4	[illegible]	[illegible]	+ 4,6
1822	5,2	6.11.35,83	+330,76	+0,09	− 0,08	[illegible]	[illegible]	[illegible]	[illegible]
1823	[illegible]	6.35.28,96	+330,49	[illegible]	[illegible]	[illegible]	[illegible]	+47,5	+ 0,8
1824	[illegible]	7.12.10,45	+328,48	[illegible]	[illegible]	[illegible]	− 621,1	+45,3	[illegible]
1825	5,0	7.20.10,95	+328,23	[illegible]	[illegible]	80.31.34,9	+ 687,5	[illegible]	+ 0,6
1826	3,7	[illegible]	[illegible]	[illegible]	[illegible]	80.30.22,1	+1085,2	[illegible]	[illegible]
1827	[illegible]	9.51. 7,92	[illegible]	−0,85	0,75	80.35.34,2	[illegible]	[illegible]	− 1,7
1828	3,8	[illegible]	[illegible]	[illegible]	0,04	80.10.43,3	[illegible]	+17,3	+ 0,3
1829	[illegible]	[illegible]	[illegible]	−0,75	[illegible]	[illegible]	[illegible]	+17,0	[illegible]
1830	[illegible]	[illegible]	[illegible]	−0,30	[illegible]	80.42.41,8	[illegible]	− 0,9	[illegible]
1831	[illegible]	[illegible]	+300,04	[illegible]	[illegible]	[illegible]	[illegible]	−13,6	[illegible]
1832	[illegible]	[illegible]	[illegible]	+0,43	[illegible]	80.28.10,7	[illegible]	−39,6	+ 1,1
1833	[illegible]	17.29.51,72	[illegible]	+0,30	[illegible]	80.20.45,7	[illegible]	[illegible]	+ 1,5
1834	3,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−41,4	[illegible]
1835	5,1	[illegible]	[illegible]	[illegible]	+ 2,12	80.15.57,8	[illegible]	[illegible]	+ 1,6
1836	4,8	[illegible]	[illegible]	[illegible]	[illegible]	80.16.17,2	[illegible]	−28,8	+17,0
1837	5,9	[illegible]	[illegible]	0,12	0,26	[illegible]	[illegible]	− 28,8	− 1,9
1838	4,5	[illegible]	+291,96	[illegible]	+ 0,10	80.23.55,1	[illegible]	− 28,6	[illegible]
1839	2,5	[illegible]	[illegible]	[illegible]	+ 0,16	[illegible]	−1638,5	−24,1	0,0
1840	[illegible]	22.47.19,92	[illegible]	[illegible]	+ 3,40	80.41.47,7	[illegible]	−13,4	[illegible]
1841	[illegible]	[illegible]	[illegible]	[illegible]	0,14	80.43.14,6	[illegible]	[illegible]	− 0,7
1842	5,9	[illegible]	[illegible]	+0,68	+ 0,70	81.44. 3,5	−2002,8	+ 2,8	+ 2,5
1843	[illegible]	1.40. 6,72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1844	[illegible]	[illegible]	[illegible]	+1,45	[illegible]	81.53.54,6	[illegible]	[illegible]	+10,0
1845	[illegible]	[illegible]	+317,64	[illegible]	0,15	81.37.20,5	[illegible]	[illegible]	[illegible]
1846	[illegible]	[illegible]	[illegible]	+1,16	0,25	81.59.17,0	[illegible]	[illegible]	+ 0,7
1847	4,7	[illegible]	+321,02	[illegible]	0,00	81.29.27,1	−1452,0	[illegible]	[illegible]
1848	3,8	3.19.25,84	[illegible]	[illegible]	[illegible]	81.19.22,6	[illegible]	+ 36,5	+ 7,4
1849	4,3	[illegible]	[illegible]	[illegible]	[illegible]	81.21.28,8	[illegible]	+ 42,5	[illegible]
1850	[illegible]	6.41.54,02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 1,2
1851	3,1	7.21.43,70	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1852	6,5	8.46.53,69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 55,0	+25,0
1853	[illegible]	9.23. 9,72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 28,9	− 0,2
1854	[illegible]	9.52.49,76	[illegible]	−0,82	[illegible]	81.12.31,3	+1704,4	+23,8	[illegible]
1855	[illegible]	9.54.55,78	+317,63	[illegible]	[illegible]	81.28.33,2	[illegible]	+23,3	[illegible]
1856	5,5	11.33.18,24	[illegible]	[illegible]	[illegible]	[illegible]	+1991,7	[illegible]	− 0,1
1857	[illegible]	11.40. 7,76	[illegible]	[illegible]	[illegible]	81.11. 9,6	+1997,7	[illegible]	+ 0,8
1858	[illegible]	11.42.46,69	+308,82	−0,40	[illegible]	81.11.56,0	+1999,8	− 4,0	[illegible]
1859	[illegible]	[illegible]	+303,84	[illegible]	[illegible]	[illegible]	[illegible]	− 8,6	[illegible]
1860	[illegible]	[illegible]	+298,65	+0,27	[illegible]	81. 6.16,5	[illegible]	[illegible]	[illegible]
1861	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.27.31,9	[illegible]	[illegible]	+10,0
1862	[illegible]	[illegible]	[illegible]	[illegible]	0,02	81.24.38,1	[illegible]	27,7	1,4
1863	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 677,3	[illegible]	− 4,6
1864	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	81.46.44,1	− 22,1	−41,8	− 3,3

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	P 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1865	6,9	19.45.54,[illegible]	[illegible]	−0,19	− 3,61	[illegible]	− 843,7	−38",3	− 37",8
1866	6,5	20. 5.17,[illegible]	+290,92	−0,17	− 0,60	81.50.48,1	[illegible]	−36,0	[illegible]
1867	5,0	[illegible]	+301,43	+0,21	[illegible]	81.43. 2,7	[illegible]	[illegible]	[illegible]
1868	7	22.53.30,81	[illegible]	+0,25	+ 2,40	81.10.28,9	[illegible]	−12,3	[illegible]
1869	4,7	[illegible]	+302,01	+0,31	+ 0,03	[illegible]	[illegible]	[illegible]	[illegible]
1870	5,2	[illegible]	[illegible]	+0,30	[illegible]	81.49.22,6	−1950,7	[illegible]	[illegible]
1871	7	23.21.22,98	+304,08	+0,36	[illegible]	81.54. 2,0	[illegible]	[illegible]	+ 26,0
1872	[illegible]	23.46.14,95	[illegible]	[illegible]	[illegible]	81.14.28,1	[illegible]	− 1,9	[illegible]
1873	[illegible]	[illegible]	[illegible]	+0,65	[illegible]	82.18.54,6	[illegible]	[illegible]	+ 0,9
1874	5,6	[illegible]	+308,44	+0,68	+ 0,03	82.21.54,4	−2000,1	[illegible]	[illegible]
1875	[illegible]	[illegible]	[illegible]	+0,79	+ 0,55	82.57.32,8	−1968,7	[illegible]	+ 4,4
1876	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	82.38.53,5	[illegible]	[illegible]	[illegible]
1877	[illegible]	[illegible]	[illegible]	+0,91	+ 0,96	82.57.12,2	−1916,3	+14,3	+ 5,2
1878	5,3	1. 8.31,70	[illegible]	+0,91	+ 0,72	82.57. 2,0	−1915,8	+14,1	[illegible]
1879	6,0	2.50.52,78	[illegible]	+1,20	+ 0,48	82. 1.14,5	[illegible]	+32,0	+ 6,0
1880	7	3.58.31,77	+323,32	[illegible]	[illegible]	82. 4.46,7	−1013,8	[illegible]	0,0
1881	6	[illegible]	+324,30	+0,69	[illegible]	82.22.58,1	− 608,0	+45,3	0,0
1882	[illegible]	[illegible]	[illegible]	−0,26	+ 0,20	82.36.41,4	[illegible]	[illegible]	− 0,9
1883	4,4	6.27.29,83	+324,48	−0,03	+ 0,10	82.35.37,4	[illegible]	+46,9	+ 1,4
1884	5,0	[illegible]	+317,52	[illegible]	[illegible]	82.42.56,9	+1600,7	[illegible]	+ 0,9
1885	5,8	9.40.53,55	+316,86	[illegible]	− 0,13	82.49.46,8	+1647,1	[illegible]	[illegible]
1886	5,2	[illegible]	+313,97	[illegible]	− 0,72	82.31.53,1	+1850,7	+16,7	− 4,6
1887	7	10.51.20,09	[illegible]	[illegible]	[illegible]	82. 4.32,1	[illegible]	+13,2	+ 7,0
1888	4,7	[illegible]	[illegible]	−0,55	[illegible]	82. 7.23,6	+1936,1	+10,8	[illegible]
1889	7	11.40.15,85	+308,80	−0,33	[illegible]	82.24.50,7	[illegible]	[illegible]	+ 5,0
1890	4,2	[illegible]	+308,63	−0,30	[illegible]	82.54.36,7	[illegible]	+ 2,9	+ 18,6
1891	[illegible]	[illegible]	+307,55	[illegible]	[illegible]	[illegible]	+2004,3	0,0	+ 3,2
1892	4,5	[illegible]	+292,46	+0,60	[illegible]	82.20. 0,9	[illegible]	−35,2	+ 6,0
1893	5,5	16.45.28,09	+290,74	+0,48	+ 0,32	82.34.46,8	+ 640,5	[illegible]	[illegible]
1894	[illegible]	18.50.54,07	+291,15	[illegible]	[illegible]	82.57. 6,5	[illegible]	−41,2	+ 2,3
1895	[illegible]	19.29.12,28	+291,69	[illegible]	[illegible]	82.50. 0,3	− 760,7	−39,4	+ 14,7
1896	[illegible]	19.40.48,03	+291,61	[illegible]	+ 0,27	[illegible]	[illegible]	−38,0	+ 0,3
1897	[illegible]	[illegible]	[illegible]	+0,67	+ 0,08	83.35.48,8	[illegible]	+ 6,1	[illegible]
1898	[illegible]	0.42.13,20	+309,92	+0,74	[illegible]	83.48.17,5	−1971,2	+ 9,0	[illegible]
1899	6,0	[illegible]	[illegible]	+0,78	+ 0,50	83.14.46,4	[illegible]	+ 9,2	[illegible]
1900	[illegible]	[illegible]	+311,80	+0,89	[illegible]	83.32. 1,9	−1913,5	+14,3	[illegible]
1901	[illegible]	2.30.35,78	[illegible]	[illegible]	[illegible]	83.35.25,1	−1587,2	+31,0	[illegible]
1902	[illegible]	[illegible]	[illegible]	+0,71	[illegible]	83.12.47,4	[illegible]	+45,6	[illegible]
1903	[illegible]	[illegible]	[illegible]	+0,46	− 0,04	83.44.27,0	− 350,1	+46,3	[illegible]
1904	7	8.30.32,01	+320,22	−0,67	[illegible]	[illegible]	[illegible]	−36,6	[illegible]
1905	[illegible]	8.32.21,78	[illegible]	−0,66	− 0,48	83.56.50,7	+1236,7	+35,9	[illegible]
1906	3,5	8.41.28,88	+319,35	−0,71	− 1,27	83.12.51,0	+1298,5	[illegible]	[illegible]
1907	[illegible]	8.43. 8,18	[illegible]	[illegible]	[illegible]	83.47.34,3	+1309,8	[illegible]	[illegible]
1908	3,3	8.50. 6,53	[illegible]	−0,70	− 0,61	[illegible]	[illegible]	+33,6	− 0,7
1909	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1547,3	+28,7	+ 15,0
1910	6	[illegible]	[illegible]	−0,64	[illegible]	83.47.54,5	[illegible]	[illegible]	+ 6,0
1911	6,2	10.40.53,32	+312,71	[illegible]	[illegible]	[illegible]	+1886,4	+14,6	[illegible]
1912	6,5	[illegible]	+311,95	−0,53	[illegible]	[illegible]	+1914,6	+12,8	[illegible]
1913	[illegible]	10.55.33,79	[illegible]	−0,51	[illegible]	[illegible]	[illegible]	+11,9	[illegible]
1914	[illegible]	[illegible]	[illegible]	−0,40	[illegible]	83.25.21,1	+1967,8	+ 7,8	[illegible]
1915	[illegible]	11.58.38,28	+307,35	[illegible]	− 1,15	83.52.58,8	+2005,2	[illegible]	7,0
1916	6	[illegible]	[illegible]	−0,12	− 1,22	[illegible]	[illegible]	− 1,7	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
1917	2,8	[illegible]	[illegible]	[illegible]	[illegible]	83.15.35,5	[illegible]	[illegible]	[illegible]
1918	6	[illegible]	[illegible]	+0,63	[illegible]	83.20.12,6	+ 970,3	−37,7	+ 75,0
1919	6,5	[illegible]	[illegible]	+0,53	[illegible]	83.43.12,9	+ 684,8	−40,1	[illegible]
1920	3,9	19.50.24,08	+294,46	0,15	[illegible]	83.50.35,2	[illegible]	−37,7	[illegible]
1921	5,6	[illegible]	+293,01	−0,21	+ 0,10	83. 0.15,1	− 996,7	[illegible]	[illegible]
1922	[illegible]	21.17.55,77	+297,55	[illegible]	+ 0,14	83.36.59,4	[illegible]	−27,6	[illegible]
1923	[illegible]	21.55. 8,14	[illegible]	[illegible]	[illegible]	83.45.42,3	[illegible]	−22,0	[illegible]
1924	[illegible]	[illegible]	+306,86	[illegible]	+ 1,02	[illegible]	[illegible]	− 0,3	[illegible]
1925	[illegible]	[illegible]	[illegible]	+0,79	[illegible]	84. 3.22,3	−1948,6	[illegible]	0,0
1926	[illegible]	0.59.41,71	+310,36	+0,77	+ 0,08	84.52.47,3	[illegible]	[illegible]	[illegible]
1927	5,7	[illegible]	+310,50	[illegible]	− 1,80	[illegible]	[illegible]	+13,0	[illegible]
1928	5,2	[illegible]	[illegible]	+0,91	[illegible]	84.22.16,9	[illegible]	[illegible]	+ 2,7
1929	[illegible]	2.30.37,51	[illegible]	+1,03	[illegible]	84.50.34,7	[illegible]	+28,7	[illegible]
1930	[illegible]	[illegible]	+316,71	[illegible]	[illegible]	[illegible]	−1427,0	[illegible]	− 5,2
1931	[illegible]	[illegible]	+318,75	[illegible]	+ 0,08	[illegible]	−1018,7	[illegible]	+ 0,5
1932	[illegible]	4. 6. 0,77	[illegible]	+0,89	− 0,82	[illegible]	[illegible]	[illegible]	− 2,1
1933	[illegible]	[illegible]	[illegible]	[illegible]	− 0,75	84. 2.55,2	[illegible]	[illegible]	[illegible]
1934	6,5	4.10. 9,50	[illegible]	+0,87	[illegible]	84. 3.40,4	− 924,6	[illegible]	+ 15,0
1935	[illegible]	[illegible]	[illegible]	+0,67	[illegible]	84.33.56,9	[illegible]	[illegible]	+ 0,9
1936	0,5	7.34. 4,05	[illegible]	−0,54	[illegible]	[illegible]	[illegible]	+41,1	+ 103,8
1937	[illegible]	9. 0.42,56	[illegible]	[illegible]	− 0,13	84.30.27,9	+ 1421,9	[illegible]	− 0,5
1938	4,8	[illegible]	[illegible]	[illegible]	[illegible]	84.53.56,1	+1607,5	+26,5	[illegible]
1939	6,0	10. 7.36,11	+312,90	[illegible]	− 0,63	84.53.28,3	+1768,9	+20,8	− 1,9
1940	6,2	[illegible]	[illegible]	[illegible]	− 0,30	[illegible]	+2000,3	+ 2,4	+ 20,0
1941	6,5	[illegible]	[illegible]	[illegible]	− 1,17	[illegible]	[illegible]	[illegible]	[illegible]
1942	−	13. 3.46,78	[illegible]	+0,23	[illegible]	84.14.27,6	+1928,1	−12,5	+ 72,0
1943	5,0	[illegible]	+302,86	+0,28	− 0,13	[illegible]	[illegible]	−14,5	[illegible]
1944	[illegible]	15.10.13,06	+298,07	+0,66	[illegible]	[illegible]	[illegible]	−32,6	[illegible]
1945	[illegible]	[illegible]	+293,95	[illegible]	[illegible]	84. 5. 2,6	− 553,6	[illegible]	[illegible]
1946	[illegible]	19.34.15,55	[illegible]	[illegible]	[illegible]	84.49.48,5	[illegible]	−39,2	[illegible]
1947	[illegible]	[illegible]	+298,09	−0,26	[illegible]	84.26.13,4	[illegible]	−30,2	[illegible]
1948	3,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−20,6	− 3,6
1949	[illegible]	[illegible]	[illegible]	+0,28	[illegible]	84.10.13,0	[illegible]	− 6,3	[illegible]
1950	[illegible]	[illegible]	[illegible]	+0,32	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1951	5,7	[illegible]	[illegible]	[illegible]	[illegible]	85.14. 0,2	−1969,3	+ 9,5	[illegible]
1952	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.37.26,9	[illegible]	+12,6	+ 11,7
1953	−	1.22.28,18	[illegible]	[illegible]	[illegible]	85. 9.45,8	−1876,8	[illegible]	+ 14,3
1954	[illegible]	1.36.13,59	+311,98	+0,91	[illegible]	[illegible]	−1830,6	+19,3	− 0,3
1955	[illegible]	[illegible]	[illegible]	+0,63	+ 1,20	85.29. 5,8	[illegible]	+44,4	[illegible]
1956	[illegible]	5.33.54,31	[illegible]	+0,36	[illegible]	85.56. 7,7	[illegible]	+46,0	[illegible]
1957	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	85.50. 8,4	− 2,7	[illegible]	[illegible]
1958	[illegible]	[illegible]	[illegible]	+0,06	[illegible] 0,04	85.21.22,5	+ 161,4	+46,1	0,9
1959	[illegible]	6.18.28,49	[illegible]	[illegible]	− 0,12	85.21.10,9	+ 161,5	+46,2	− 1,0
1960	[illegible]	9.51.37,09	[illegible]	[illegible]	[illegible]	85.16.52,5	+1698,7	+23,6	+ 4,7
1961	[illegible]	[illegible]	[illegible]	−0,45	[illegible]	85.53.39,3	+1876,1	[illegible]	− 2,8
1962	[illegible]	10.55.23,79	+309,93	[illegible]	[illegible]	85.50.44,0	+1975,6	+11,8	+ 2,2
1963	5,2	11.54.49,63	+307,46	−0,06	[illegible]	[illegible]	+2004,2	+ 0,2	[illegible]
1964	[illegible]	[illegible]	+303,45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1965	[illegible]	[illegible]	[illegible]	[illegible]	− 2,10	85.57.21,3	+1824,6	−18,5	− 7,0
1966	[illegible]	15.45.49,83	[illegible]	[illegible]	+ 0,82	85.13.16,5	+1107,7	−36,9	[illegible]
1967	[illegible]	17.21.33,17	[illegible]	+0,37	+ 0,02	85.46.22,0	+ 334,7	−42,9	− 0,8
1968	[illegible]	17.38.31,95	+296,51	+0,27	− 0,26	85.53.27,6	+ 187,5	−43,0	− 15,8

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℗ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
1969	7	18. 0.41,10	+296,38	+0,20	[illegible] 0,20	85.20.30,6	— 6,0	—43,2	+29,0
1970	4,5	18.51.14,88	+297,95	+0,05	+ 0,27	85.55.35,9	— 444,6	—42,3	— 2,8
1971	4,2	18.51.16,22	+298,00	—0,04	+ 0,10	85.55.41,9	— 444,8	—42,2	— 5,7
1972	5,4	19.11.34,08	+296,87	—0,12	+ 0,07	85.20.29,5	— 615,9	—41,0	+ 0,8
1973	4,1	21.10.49,52	+299,65	—0,27	+ 0,34	85. 9.56,4	—1482,9	—28,8	+ 8,5
1974	4,9	22. 0.58,20	+301,92	—0,18	+ 0,70	85.25.49,0	—1738,9	—21,3	— 9,9
1975	5,5	22.22.47,83	+303,23	—0,13	+ 0,50	85.48.21,2	—1827,6	—18,0	+32,0
1976	7	22.35.22,63	+303,85	—0,07	+ 0,30	85.56.36,1	—1870,0	—15,6	+16,0
1977	5,3	1.12.38,42	+309,48	+0,73	— 0,33	86.51.43,5	—1904,8	+14,8	+ 2,6
1978	5,8	2.57. 3,07	+313,26	+0,97	— 0,09	86.18. 9,0	—1455,7	+32,5	— 7,8
1979	5,0	3.14. 6,95	+312,49	+0,95	— 1,81	86.59.46,8	—1357,6	+35,1	— 9,7
1980	4,7	5.21.35,82	+314,19	+0,43	— 0,10	86.59.27,9	— 334,5	+44,3	+ 0,6
1981	5,5	7. 9. 5,63	+314,39	—0,14	— 0,97	86.43. 1,9	+ 595,6	+43,6	— 3,0
1982	6,5	7.29.43,18	+314,81	—0,40	0,00	86.30.21,7	+ 765,0	+42,1	0,0
1983	4,5	8.33.31,89	+314,00	—0,58	— 0,08	86.18.26,5	+1244,7	+35,3	+ 1,3
1984	4,2	8.37.59,78	+314,04	—0,58	— 0,29	86.14.32,0	+1275,4	+34,9	— 0,5
1985	6,6	9.54.31,86	+311,97	—0,57	— 0,60	86. 8.13,9	+1712,2	+23,0	— 3,9
1986	6,5	9.58.57,62	+311,61	—0,55	— 0,60	86.18.44,3	+1732,0	+22,3	+ 8,4
1987	6,5	10.40. 0,25	+309,67	—0,40	— 0,53	86.59.11,9	+1884,4	+15,0	— 0,6
1988	6,9	11.20.31,00	+308,82	—0,24	— 0,35	86. 8.52,9	+1975,5	+ 7,0	+ 3,0
1989	6,1	11.21.41,60	+308,62	—0,20	— 4,93	86.26.30,3	+1976,8	+ 6,4	—18,7
1990	5,2	11.22.47,70	+308,52	—0,20	— 0,08	86.35.34,6	+1978,5	+ 6,4	+ 1,7
1991	5,7	11.29.14,86	+308,40	—0,18	— 1,28	86.23. 4,2	+1987,2	+ 5,3	+ 8,9
1992	5	12.15.16,26	+306,66	+0,03	— 2,00	86. 7.50,7	+2000,8	— 5,2	+ 8,0
1993	6,9	12.36.34,40	+305,58	+0,26	— 0,36	86.23.58,9	+1964,0	— 9,7	— 3,0
1994	4,7	12.50.33,96	+305,22	+0,27	— 3,18	86. 3.32,8	+1936,1	—10,4	+ 6,0
1995	6,5	13.18.34,16	+304,72	+0,44	+ 0,15	86.45.34,8	+1888,6	—15,7	—21,6
1996	7	13.18.35,88	+304,72	+0,44	0,00	86.45.28,2	+1888,5	—15,7	—25,4
1997	6	18. 4.53,81	+300,01	+0,20	0,00	86.53.34,8	— 42,8	—43,6	+19,0
1998	5,0	18.15.52,47	+299,91	+0,12	— 0,13	86.40. 4,6	— 138,9	—43,5	+ 0,2
1999	5	20.54. 4,58	+300,64	—0,33	— 0,90	86. 5.24,2	—1380,8	—31,5	+15,0
2000	6	22.21.31,92	+303,50	—0,14	+ 1,80	86. 7. 0,5	—1823,0	—18,3	— 2,0
2001	6,5	22.24.54,63	+303,57	—0,12	— 0,36	86. 4.36,7	—1835,1	—17,2	+14,8
2002	6,6	22.52.27,24	+305,05	—0,01	+ 0,29	86.43.31,0	—1918,7	—12,2	— 3,6
2003	4,6	22.58.47,29	+305,21	+0,02	— 0,08	86.43. 6,1	—1933,6	—10,9	+ 0,6
2004	6,6	0.46. 9,28	+308,60	+0,59	0,00	87. 9.28,0	—1964,7	+10,1	+ 5,8
2005	4,8	1.48.22,67	+310,10	+0,84	— 0,15	87.18.21,7	—1784,7	+21,4	— 2,1
2006	6	1.54.56,94	+310,21	+0,83	— 1,40	87.22.52,1	—1758,5	+22,1	+25,0
2007	3,9	1.56.52,31	+309,83	+0,84	— 0,23	87.43. 9,2	—1749,6	+22,8	0,7
2008	5,6	2.38. 7,09	+311,42	+0,93	— 0,96	87.11. 7,9	—1546,2	+29,1	+15,1
2009	6,5	3.58.56,13	+312,43	+0,83	+ 1,10	87.26.42,1	—1010,7	+39,6	+16,0
2010	5,7	4.48. 9,82	+312,47	+0,61	0,00	87.39.26,3	— 618,2	+43,6	+ 1,4
2011	3,9	[illegible]	+312,30	—0,60	+ 0,02	87.43.22,5	— 610,8	+43,6	— 0,5
2012	4,7	5. 8. 3,67	+313,51	+0,51	— 0,13	87.15.28,3	— 400,6	+44,7	+ 0,1
2013	4,8	6.42.38,79	+313,02	—0,08	— 0,20	87.28.41,8	+ 370,9	+44,6	+ 1,6
2014	5,1	7.26.54,26	+311,78	—0,30	— 0,21	87.52.24,1	+ 742,2	+42,0	— 2,5
2015	5,3	[illegible]	+312,40	—0,42	— 1,23	87.30.31,0	+ 900,5	+39,8	— 8,5
2016	5	7.57. 3,81	[illegible]	—0,43	— 0,35	87.23.26,6	+ 985,5	+39,4	—12,0
2017	4,8	9. 9. 9,75	+311,57	—0,60	+ 0,88	87.15.49,5	+1473,0	+30,4	+31,2
2018	6	[illegible]	+311,02	—0,34	— 1,40	87. 4.45,3	+1677,2	+24,6	—11,0
2019	7	10. 4.14,58	+310,51	—0,51	— 1,40	87. 8.19,8	+1754,9	+21,6	+ 7,0
2020	7	10.24.34,28	+309,16	—0,41	— 1,00	87.59.57,4	+1833,9	+17,9	+15,0

N°	Grandeur	α 1900,0	Précession	Variation séculaire	Mouvement propre	δ 1900,0	Précession	Variation séculaire	Mouvement propre
2021	6,2	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+10,3	[illegible]
2022	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.26.23,2	[illegible]	[illegible]	[illegible]
2023	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1964,6	+ 8,3	[illegible]
2024	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.40.18,0	+2000,7	[illegible]	[illegible]
2025	[illegible]	[illegible]	[illegible]	−0,05	[illegible]	87.32.26,5	+2004,9	[illegible]	[illegible]
2026	4,3	13.56.33,40	[illegible]	[illegible]	[illegible]	87.58.17,6	[illegible]	−22,4	[illegible]
2027	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.41. 8,7	[illegible]	[illegible]	[illegible]
2028	[illegible]	[illegible]	−303,20	+0,70	−0,50	87.30.58,1	[illegible]	−31,0	[illegible]
2029	[illegible]	[illegible]	[illegible]	−0,77	[illegible]	87.51.23,9	[illegible]	−33,5	[illegible]
2030	[illegible]	[illegible]	[illegible]	−0,73	[illegible]	[illegible]	[illegible]	−36,2	[illegible]
2031	3,8	[illegible]	[illegible]	[illegible]	[illegible]	87.47.50,2	[illegible]	[illegible]	+ 7,9
2032	[illegible]	[illegible]	−302,33	+0,57	−0,30	87.45.19,5	[illegible]	[illegible]	[illegible]
2033	[illegible]	[illegible]	[illegible]	[illegible]	−0,16	87.15.18,6	[illegible]	−43,8	+ 7,3
2034	4,0	[illegible]	[illegible]	[illegible]	+0,08	[illegible]	+ 38,2	−43,8	[illegible]
2035	4,1	[illegible]	[illegible]	[illegible]	[illegible]	87.28.38,3	− 3,5	[illegible]	[illegible]
2036	7	[illegible]	−301,95	−0,06	[illegible]	87.39. 8,6	− 486,5	−42,4	[illegible]
2037	[illegible]	[illegible]	[illegible]	[illegible]	−0,01	[illegible]	[illegible]	[illegible]	[illegible]
2038	3,4	[illegible]	−300,84	[illegible]	[illegible]	87. 5. 5,0	[illegible]	[illegible]	[illegible]
2039	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	87.46.35,3	−1653,5	[illegible]	+ 1,0
2040	3,8	[illegible]	+305,91	−0,07	[illegible]	[illegible]	[illegible]	− 8,8	[illegible]
2041	5,2	23.41.16,89	−306,68	+0,23	−0,34	[illegible]	[illegible]	[illegible]	[illegible]
2042	6,0	[illegible]	+307,52	+0,37	[illegible]	[illegible]	−1996,8	[illegible]	+ 2,3
2043	[illegible]	1. 2.50,19	+308,19	[illegible]	[illegible]	88.31.46,2	[illegible]	+12,4	[illegible]
2044	[illegible]	1. 5.24,71	+308,52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2045	6,5	1. 7.22,87	[illegible]	−0,65	[illegible]	88. 3.23,6	[illegible]	[illegible]	[illegible]
2046	[illegible]	1.50.43,57	[illegible]	[illegible]	−0,71	[illegible]	[illegible]	[illegible]	[illegible]
2047	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.42.54,7	[illegible]	+25,0	[illegible]
2048	[illegible]	[illegible]	+310,76	[illegible]	−0,14	88.26.22,0	− 574,8	[illegible]	[illegible]
2049	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	88.14.42,9	[illegible]	+44,8	[illegible]
2050	[illegible]	[illegible]	[illegible]	[illegible]	−0,64	88.52. 0,4	[illegible]	[illegible]	[illegible]
2051	[illegible]	[illegible]	[illegible]	[illegible]	+0,07	88.10.22,1	− 59,4	[illegible]	[illegible]
2052	[illegible]	[illegible]	[illegible]	−0,25	+0,57	88.43.47,1	[illegible]	+12,7	− 0,8
2053	[illegible]	[illegible]	+308,09	[illegible]	[illegible]	88. 2.34,4	+1975,0	[illegible]	[illegible]
2054	[illegible]	11.53.56,34	[illegible]	+0,09	[illegible]	88.54.48,4	[illegible]	[illegible]	[illegible]
2055	6,0	[illegible]	+305,56	+0,65	[illegible]	88.27.36,9	[illegible]	−21,5	− 1,4
2056	[illegible]	14.18. 8,43	[illegible]	+0,72	+1,50	[illegible]	[illegible]	−25,6	+ 50,0
2057	[illegible]	[illegible]	[illegible]	[illegible]	−0,55	88.55.16,7	+1315,9	−34,0	[illegible]
2058	4,8	[illegible]	[illegible]	[illegible]	−1,19	88.44. 9,8	[illegible]	−40,1	[illegible]
2059	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−42,0	[illegible]
2060	[illegible]	[illegible]	+302,63	[illegible]	[illegible]	88. 0.31,7	[illegible]	−44,1	[illegible]
2061	[illegible]	[illegible]	+303,56	[illegible]	[illegible]	[illegible]	[illegible]	−38,3	+ 15,0
2062	[illegible]	23. 5.33,66	[illegible]	−0,04	+0,90	88.25. 0,9	[illegible]	−10,1	[illegible]
2063	5,6	23.31.17,01	+306,85	[illegible]	−0,91	88.27.10,7	−1989,6	[illegible]	[illegible]
2064	[illegible]	23.36.56,63	[illegible]	[illegible]	[illegible]	88.46.13,2	[illegible]	− 3,6	[illegible]
2065	[illegible]	[illegible]	+307,05	+0,20	+0,03	88.27.55,3	−2001,9	[illegible]	− 0,4
2066	[illegible]	0.58.40,18	[illegible]	+0,55	[illegible]	89.10. 9,1	[illegible]	+12,1	+ 3,2
2067	6,9	3.18.27,70	[illegible]	+0,85	−0,04	89.26.35,7	−1299,2	[illegible]	[illegible]
2068	6,5	[illegible]	[illegible]	+0,83	[illegible]	89.44.18,9	1209,2	+36,0	+ 16,0
2069	4,4	[illegible]	[illegible]	+0,76	−1,52	[illegible]	1208,1	[illegible]	[illegible]
2070	5,6	6.35.56,94	[illegible]	[illegible]	−0,24	89.24.40,6	[illegible]	[illegible]	[illegible]
2071	[illegible]	7.17.18,98	[illegible]	[illegible]	[illegible]	89. 6.27,3	+ 663,7	[illegible]	[illegible]
2072	[illegible]	10. 2.49,12	[illegible]	[illegible]	−0,30	89.52.57,4	[illegible]	+21,3	[illegible]

N°	Grandeur	Æ 1900,0	Précession	Variation séculaire	Mouvement propre	𝔇 1900,0	Précession	Variation séculaire	Mouvement propre
2073	[illegible]	[illegible]	+307,60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 1,7
2074	[illegible]	[illegible]	+307,31	+0,09	[illegible]	89.45.46,8	+2000,2	+ 2,3	— 0,7
2075	7	[illegible]	[illegible]	+0,62	[illegible]	89.48. 7,4	+1855,3	—17,3	— 1,0
2076	[illegible]	[illegible]	+306,85	+0,83	[illegible]	89.44.41,0	+1438,2	—31,7	+ 1,0
2077	[illegible]	15.42.11,17	[illegible]	+0,80	[illegible]	89.57.35,2	+1134,2	[illegible]	+ 4,5
2078	[illegible]	16.47.56,34	+306,86	+0,57	— 5,13	89.49. 8,0	[illegible]	—42,8	[illegible]
2079	6	[illegible]	+305,35	[illegible]	[illegible]	89. 9. 1,9	+ 517,3	[illegible]	+ 34,0
2080	[illegible]	[illegible]	[illegible]	+0,07	— 0,18	[illegible]	[illegible]	—44,5	[illegible]
2081	[illegible]	19.21.24,20	[illegible]	[illegible]	[illegible]	89.51.38,8	[illegible]	[illegible]	[illegible]
2082	7	19.42.28,20	+305,49	[illegible]	[illegible]	89. 9. 5,0	[illegible]	[illegible]	+ 26,0
2083	Var.	[illegible]	+305,68	—0,32	+ 0,05	89.15. 4,0	[illegible]	[illegible]	[illegible]
2084	7	20.52. 3,47	[illegible]	—0,46	[illegible]	89.55. 8,3	—1367,9	—32,4	[illegible]
2085	[illegible]	21. 2.43,28	+306,05	—0,43	[illegible]	89.14.51,9	[illegible]	—30,6	[illegible]
2086	7	[illegible]	[illegible]	—0,43	[illegible]	89.19.30,1	[illegible]	—28,4	+ 19,0
2087	5,8	[illegible]	[illegible]	—0,38	+ 0,14	89.52.30,8	[illegible]	[illegible]	0,0
2088	[illegible]	[illegible]	+306,38	[illegible]	[illegible]	89. 7.48,5	—1817,5	[illegible]	[illegible]
2089	[illegible]	22.54.19,90	[illegible]	—0,14	[illegible]	89.34.16,0	—1923,5	—11,9	[illegible]
2090	5,0	23.21.48,38	+306,96	+0,01	+ 0,56	89.17.30,5	[illegible]	— 6,6	[illegible]
2091	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	89.28.45,3	[illegible]	— 2,3	+ 3,0
2092	[illegible]	0.21.29,71	[illegible]	+0,28	+ 0,57	90.36.11,8	[illegible]	+ 5,1	— 1,1
2093	6	[illegible]	+306,86	[illegible]	[illegible]	[illegible]	[illegible]	+22,7	— 3,2
2094	[illegible]	1.58.40,93	+306,32	—0,71	[illegible]	90.49.11,0	—1742,3	[illegible]	+ 6,0
2095	6	2. 1.21,67	+306,74	+0,74	0,00	90.26.31,1	—1730,6	+23,3	0,0
2096	6,5	2.16.49,16	[illegible]	[illegible]	[illegible]	90. 3.39,5	[illegible]	[illegible]	+ 1,5
2097	4,0	2.34.21,37	[illegible]	[illegible]	+ 0,11	90. 6. 9,8	—1566,9	[illegible]	[illegible]
2098	[illegible]	3.39.49,88	[illegible]	+0,78	+ 0,20	[illegible]	—1151,3	+36,9	[illegible]
2099	[illegible]	3.57.29,14	[illegible]	+0,74	+ 0,80	90.32.26,2	—1021,8	+38,5	+ 28,0
2100	7	4.16.20,27	+306,57	+0,69	— 0,20	90.19.58,8	— 876,4	—40,3	[illegible]
2101	6	4.26.45,68	+306,73	+0,69	[illegible]	90.15.30,9	[illegible]	+41,3	[illegible]
2102	[illegible]	5.16.39,41	+306,13	[illegible]	[illegible]	90.28.51,8	— 376,9	+44,0	[illegible]
2103	6,5	[illegible]	[illegible]	[illegible]	[illegible]	90.59.13,9	— 353,4	[illegible]	— 13,6
2104	2,5	5.26.53,85	[illegible]	[illegible]	[illegible]	90.22.23,1	— 288,5	+44,3	[illegible]
2105	6,5	6.10.29,12	[illegible]	[illegible]	[illegible]	90.28.28,8	[illegible]	+44,4	[illegible]
2106	6,5	6.20. 9,83	+305,22	[illegible]	[illegible]	90.53. 5,4	[illegible]	[illegible]	+ 23,0
2107	6,5	6.22. 8,89	+306,77	—0,07	[illegible]	90.12.57,3	[illegible]	+44,5	[illegible]
2108	6,5	[illegible]	+306,33	[illegible]	0,00	90.25.10,0	+ 397,3	[illegible]	+ 20,0
2109	[illegible]	7. 6.45,48	+306,50	—0,16	[illegible]	90.19.37,4	[illegible]	+42,6	— 1,3
2110	7	8.29.26,73	+306,56	[illegible]	[illegible]	90.23. 0,7	+1216,9	+35,1	[illegible]
2111	4,6	9.26.53,05	[illegible]	[illegible]	[illegible]	90.44.37,0	[illegible]	[illegible]	+ 1,3
2112	[illegible]	[illegible]	+306,28	[illegible]	+ 0,34	90.41.19,3	+1615,4	+25,8	[illegible]
2113	[illegible]	[illegible]	[illegible]	—0,40	[illegible]	90.34.58,6	+1726,5	+22,0	[illegible]
2114	[illegible]	[illegible]	[illegible]	—0,29	— 0,32	90. 7.26,5	[illegible]	+17,3	[illegible]
2115	[illegible]	10.58. 7,71	[illegible]	—0,14	0,00	90.12.39,5	[illegible]	[illegible]	+ 11,5
2116	[illegible]	[illegible]	+307,16	+0,04	— 0,01	90.16.17,7	+1989,6	[illegible]	[illegible]
2117	[illegible]	12.13.32,63	+307,30	+0,27	[illegible]	90.13.53,0	+2001,8	[illegible]	[illegible]
2118	4,0	[illegible]	[illegible]	+0,28	— 0,36	90. 6.39,8	+2000,5	[illegible]	+ 2,7
2119	[illegible]	12.36.35,62	[illegible]	[illegible]	[illegible]	90.54. 3,3	[illegible]	— 7,8	[illegible]
2120	3,4	[illegible]	[illegible]	+0,64	[illegible]	[illegible]	+1853,4	[illegible]	— 4,0
2121	[illegible]	[illegible]	[illegible]	+0,67	[illegible]	90.25. 7,7	[illegible]	[illegible]	+ 6,0
2122	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.22.24,6	[illegible]	[illegible]	[illegible]
2123	[illegible]	[illegible]	+308,92	+0,89	— 8,50	90.57.51,0	+1362,1	[illegible]	[illegible]
2124	6,1	[illegible]	[illegible]	+0,85	+ 0,44	90.39.56,4	+1298,5	—34,8	[illegible]
2125	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.50.48,8	+1235,8	—35,9	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION	MOUVEMENT PROPRE	P 1900,0	PRÉCESSION	VARIATION	MOUVEMENT PROPRE
2126	5	17.11.28,57	[illegible]	[illegible]	[illegible]	[illegible]	+ 421,4	[illegible]	[illegible]
2127	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.58.47,8	[illegible]	[illegible]	+ 17,0
2128	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.26.30,2	[illegible]	[illegible]	− 3,0
2129	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−40,0
2130	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	40,9	− 1,2
2131	6	[illegible]	[illegible]	−0,40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2132	5,0	[illegible]	−309,21	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2133	3,2	[illegible]	[illegible]	[illegible]	[illegible]	90.48.20,5	[illegible]	−21,6	[illegible]
2134	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	90.31.56,6	[illegible]	[illegible]	− 2,3
2135	[illegible]	[illegible]	−307,80	[illegible]	[illegible]	[illegible]	[illegible]	−16,4	+ 5,3
2136	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 1,9
2137	[illegible]	[illegible]	[illegible]	+0,30	+ 0,83	[illegible]	−1987,6	+ 6,7	[illegible]
2138	6,9	[illegible]	[illegible]	[illegible]	− 0,56	[illegible]	[illegible]	+ 7,2	+ 2,5
2139	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+10,1	[illegible]
2140	[illegible]	[illegible]	−306,22	[illegible]	− 0,30	91.30.30,6	−1913,1	+13,8	−22,0
2141	[illegible]	[illegible]	[illegible]	[illegible]	− 0,10	91. 2. 2,0	−1899,7	[illegible]	+ 1,0
2142	6	[illegible]	[illegible]	[illegible]	[illegible]	91.20.24,6	−1656,9	[illegible]	+ 5,2
2143	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.28.35,0	[illegible]	+27,5	[illegible]
2144	[illegible]	[illegible]	−305,62	[illegible]	[illegible]	91. 7.15,6	[illegible]	[illegible]	[illegible]
2145	[illegible]	[illegible]	−304,56	−0,77	[illegible]	[illegible]	[illegible]	+33,3	+ 5,8
2146	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+33,6	[illegible]
2147	[illegible]	[illegible]	[illegible]	[illegible]	− 0,09	[illegible]	[illegible]	[illegible]	+ 2,5
2148	[illegible]	[illegible]	[illegible]	−0,38	− 0,17	91.10.15,3	− 308,0	+44,0	[illegible]
2149	[illegible]	5.31. 8,34	+304,30	− 0,34	[illegible]	[illegible]	[illegible]	+44,1	[illegible]
2150	[illegible]	[illegible]	[illegible]	+0,31	− 0,05	91.59.45,7	[illegible]	[illegible]	+ 1,4
2151	[illegible]	[illegible]	[illegible]	−0,33	[illegible]	91. 6.53,3	[illegible]	+38,5	[illegible]
2152	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.31.50,0	−1303,5	[illegible]	[illegible]
2153	[illegible]	[illegible]	−306,22	[illegible]	[illegible]	[illegible]	+1872,5	[illegible]	[illegible]
2154	7	[illegible]	[illegible]	[illegible]	0,00	91.39.16,1	+1877,4	−15,4	−24,0
2155	[illegible]	[illegible]	−306,03	[illegible]	[illegible]	[illegible]	+1929,3	[illegible]	[illegible]
2156	[illegible]	[illegible]	[illegible]	[illegible]	− 0,30	91.12.33,3	[illegible]	0,0	[illegible]
2157	[illegible]	[illegible]	+308,36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 0,5
2158	[illegible]	[illegible]	+309,60	−0,86	− 0,88	[illegible]	+1670,2	−55,6	− 6,8
2159	6,7	[illegible]	[illegible]	[illegible]	[illegible]	91.31.52,1	+1658,4	[illegible]	− 0,7
2160	5,0	[illegible]	[illegible]	+0,88	− 0,90	91.46.46,9	[illegible]	[illegible]	− 0,4
2161	6	[illegible]	[illegible]	[illegible]	[illegible]	91.52.58,4	[illegible]	−30,2	[illegible]
2162	6	[illegible]	[illegible]	−0,84	− 0,40	[illegible]	[illegible]	[illegible]	+ 2,6
2163	[illegible]	[illegible]	+310,88	−0,83	[illegible]	91.52.13,7	−1072,0	−38,7	[illegible]
2164	[illegible]	[illegible]	[illegible]	[illegible]	− 0,07	[illegible]	− 233,8	[illegible]	0,0
2165	6,5	19.15.26,03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,4
2166	[illegible]	19.31.32,83	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−41,4	[illegible]
2167	[illegible]	20. 6. 8,74	[illegible]	−0,43	+ 0,20	[illegible]	−1048,5	[illegible]	[illegible]
2168	[illegible]	[illegible]	[illegible]	−0,43	[illegible]	91.18.32,3	[illegible]	[illegible]	[illegible]
2169	4,4	[illegible]	[illegible]	−0,49	[illegible]	91.27.16,1	[illegible]	[illegible]	− 0,1
2170	[illegible]	[illegible]	+309,16	[illegible]	[illegible]	[illegible]	−1803,7	−19,0	[illegible]
2171	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	91.35. 9,8	−1981,0	[illegible]	+ 0,2
2172	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,73	91.47.59,3	[illegible]	[illegible]	+ 0,5
2173	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1921,1	[illegible]	[illegible]
2174	[illegible]	[illegible]	[illegible]	[illegible]	+ 1,70	[illegible]	−1907,5	+14,1	+13,0
2175	[illegible]	[illegible]	[illegible]	+0,67	[illegible]	[illegible]	−1707,3	[illegible]	+ 3,4
2176	[illegible]	[illegible]	−303,74	[illegible]	[illegible]	92.51.39,4	[illegible]	[illegible]	+ 6,0
2177	5,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,3

N°	Grandeur	Æ 1900,0	Précession	Variation séculaire	Mouvement propre	δ 1900,0	Précession	Variation séculaire	Mouvement propre
2178	6,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+21,0
2179	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92.40.23,8	−746,6	[illegible]	[illegible]
2180	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+43,0	[illegible]
2181	[illegible]	[illegible]	[illegible]	+0,39	0,00	92.29.20,5	[illegible]	[illegible]	+0,3
2182	[illegible]	[illegible]	+301,07	[illegible]	[illegible]	92.39.27,7	[illegible]	[illegible]	0,0
2183	[illegible]	[illegible]	[illegible]	[illegible]	−0,27	[illegible]	+1029,5	[illegible]	[illegible]
2184	[illegible]	[illegible]	+303,84	−0,35	+0,79	92.19.54,7	[illegible]	+27,3	[illegible]
2185	[illegible]	[illegible]	+305,13	[illegible]	[illegible]	[illegible]	[illegible]	−17,2	+0,7
2186	[illegible]	[illegible]	[illegible]	−0,12	+0,18	92.27. 5,8	[illegible]	[illegible]	[illegible]
2187	[illegible]	[illegible]	+307,29	+0,30	[illegible]	[illegible]	[illegible]	−1,0	+2,3
2188	[illegible]	[illegible]	+308,85	+0,63	[illegible]	92.49.50,8	[illegible]	[illegible]	[illegible]
2189	6,5	[illegible]	+310,87	[illegible]	[illegible]	[illegible]	+1318,0	−34,2	[illegible]
2190	[illegible]	15.45.14,56	[illegible]	[illegible]	+0,31	92.30. 6,1	+1112,3	[illegible]	+5,5
2191	5,6	[illegible]	[illegible]	[illegible]	[illegible]	92.47.15,3	+1106,4	−38,4	+2,1
2192	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	92. 6.40,2	+758,5	[illegible]	+31,0
2193	[illegible]	[illegible]	+314,05	[illegible]	[illegible]	92.55.29,3	[illegible]	[illegible]	+69,1
2194	[illegible]	[illegible]	[illegible]	+0,04	+0,15	92. 3. 0,2	[illegible]	[illegible]	+3,5
2195	[illegible]	19.25.26,04	[illegible]	[illegible]	+0,02	92.59.50,2	−730,1	−42,3	+0,5
2196	[illegible]	[illegible]	+312,61	[illegible]	[illegible]	[illegible]	−1231,3	−35,5	−0,3
2197	[illegible]	21.58. 8,56	+310,36	[illegible]	+0,11	92.38.17,1	[illegible]	[illegible]	+0,7
2198	[illegible]	22.28.53,59	[illegible]	−0,38	+0,08	92. 5.19,4	[illegible]	[illegible]	[illegible]
2199	[illegible]	23.24.18,99	[illegible]	−0,14	[illegible]	92.20.29,2	[illegible]	−6,2	−0,8
2200	[illegible]	[illegible]	[illegible]	[illegible]	+0,06	93. 6.19,1	[illegible]	+1,3	−2,6
2201	6,3	0. 3. 4,87	+307,14	[illegible]	+0,03	[illegible]	−2004,5	[illegible]	[illegible]
2202	[illegible]	[illegible]	+305,10	[illegible]	[illegible]	[illegible]	[illegible]	+14,4	+6,0
2203	[illegible]	[illegible]	+304,58	[illegible]	0,00	93.22. 8,4	[illegible]	[illegible]	0,0
2204	[illegible]	2.14.17,66	+302,80	+0,63	+0,02	93.25.53,5	−1670,3	+25,1	+22,9
2205	6,7	2.19.55,21	[illegible]	+0,66	[illegible]	93.13.57,2	−1643,0	+26,0	[illegible]
2206	[illegible]	2.30.19,07	+301,60	[illegible]	−1,22	[illegible]	[illegible]	+27,4	+44,3
2207	[illegible]	[illegible]	[illegible]	[illegible]	+0,22	[illegible]	[illegible]	+27,8	+2,8
2208	[illegible]	2.55.39,78	[illegible]	[illegible]	0,00	93.10.51,8	[illegible]	+30,8	0,0
2209	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.16.31,3	−1443,6	+31,1	−0,9
2210	[illegible]	3.13.58,25	[illegible]	+0,72	+1,90	93.12.17,6	−1529,0	[illegible]	[illegible]
2211	[illegible]	3.49.16,20	+300,88	[illegible]	[illegible]	93.15. 1,6	[illegible]	[illegible]	+0,3
2212	[illegible]	[illegible]	[illegible]	+0,58	−0,05	93.33.24,4	−756,5	[illegible]	0,0
2213	[illegible]	4.40.30,12	[illegible]	+0,55	[illegible]	93.26.16,2	−681,5	[illegible]	[illegible]
2214	[illegible]	7.32.18,37	+298,88	[illegible]	−0,66	[illegible]	+785,8	+39,6	[illegible]
2215	[illegible]	[illegible]	+300,28	[illegible]	[illegible]	[illegible]	+962,4	−38,1	[illegible]
2216	[illegible]	8.19.35,87	+300,70	−0,33	[illegible]	93.25.38,5	+1147,3	−35,7	+5,0
2217	[illegible]	8.20.39,87	+300,40	−0,32	[illegible]	93.34.48,3	[illegible]	−35,2	[illegible]
2218	6,2	8.21.27,42	[illegible]	−0,32	[illegible]	[illegible]	+1160,5	−35,3	[illegible]
2219	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93. 4.18,6	+1317,4	[illegible]	[illegible]
2220	[illegible]	8.45.23,97	[illegible]	−0,33	−0,30	93.49.18,1	[illegible]	[illegible]	[illegible]
2221	[illegible]	9.46.11,72	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−23,6	[illegible]
2222	[illegible]	10.18.23,24	[illegible]	[illegible]	[illegible]	93.34. 6,8	[illegible]	+18,0	[illegible]
2223	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93.52.46,5	[illegible]	[illegible]	[illegible]
2224	[illegible]	[illegible]	[illegible]	[illegible]	0,00	[illegible]	+1851,9	+16,8	[illegible]
2225	4,5	[illegible]	[illegible]	+0,68	[illegible]	93. 6.17,4	[illegible]	+8,5	[illegible]
2226	6,5	[illegible]	+308,73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2227	5,9	[illegible]	+309,08	[illegible]	−0,36	93.16.21,3	[illegible]	−11,4	−1,0
2228	[illegible]	[illegible]	+309,08	+0,66	0,33	[illegible]	[illegible]	[illegible]	[illegible]
2229	[illegible]	[illegible]	[illegible]	[illegible]	−0,61	93.56.21,8	[illegible]	−31,7	[illegible]
2230	3,6	[illegible]	[illegible]	[illegible]	−0,58	[illegible]	[illegible]	[illegible]	+2,8

N°	GRANDEURS	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	D 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
[illegible]	5,0	[illegible]	−314,34	+0,82	[illegible]	93.26.12,8	[illegible]	[illegible]	[illegible]
[illegible]	6,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−44,8	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	93. 2. 4,5	[illegible]	−45,8	−28,0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−0,70	[illegible]	[illegible]	−36,0	[illegible]
[illegible]	6,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1172,8	−36,7	−0,5
[illegible]	5,[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−36,5	[illegible]
[illegible]	6	[illegible]	−313,26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−6,8
[illegible]	[illegible]	23.42.48,06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−2,6	[illegible]
[illegible]	6,0	[illegible]	+307,73	[illegible]	[illegible]	93.42.38,5	[illegible]	[illegible]	+1,9
[illegible]	[illegible]	23.56.41,90	[illegible]	+0,02	[illegible]	93.35. 3,3	[illegible]	[illegible]	[illegible]
[illegible]	6,[illegible]	0.24.56,14	[illegible]	[illegible]	[illegible]	94.10.35,3	[illegible]	+5,7	[illegible]
[illegible]	[illegible]	0.30. 6,04	[illegible]	[illegible]	−2,75	[illegible]	[illegible]	+6,8	+1,7
[illegible]	[illegible]	0.35.36,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+7,7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1825,8	[illegible]	0,0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+22,5	[illegible]
[illegible]	5,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	+0,44	[illegible]	94.35. 9,3	[illegible]	[illegible]	−3,3
[illegible]	[illegible]	5.10.27,09	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.55.16,7	[illegible]	[illegible]	−1,1
[illegible]	[illegible]	[illegible]	+297,27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−0,7
[illegible]	[illegible]	6.23. 1,33	[illegible]	+0,09	−0,10	94.42. 0,8	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	6.37.56,91	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	9.20.24,02	[illegible]	0,27	[illegible]	94.41.10,1	[illegible]	[illegible]	+1,9
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1,33	94.13.54,5	[illegible]	[illegible]	[illegible]
[illegible]	6,5	[illegible]	+308,21	+0,52	[illegible]	94. 3.43,5	[illegible]	−5,2	−0,5
[illegible]	[illegible]	13.18. 7,91	[illegible]	+0,82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1886,2	[illegible]	+2,2
[illegible]	[illegible]	13.30.19,04	[illegible]	[illegible]	−0,06	[illegible]	[illegible]	[illegible]	+9,6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−31,6	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	+0,82	[illegible]	94.26.55,7	[illegible]	41,7	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	+0,60	−0,18	[illegible]	[illegible]	[illegible]	+7,6
[illegible]	4,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+336,7	[illegible]	[illegible]
[illegible]	4,4	[illegible]	+318,40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+2,3
[illegible]	[illegible]	18.59.40,84	−316,72	[illegible]	0,08	94.10.48,5	[illegible]	[illegible]	−0,7
[illegible]	5,6	[illegible]	[illegible]	−0,39	−0,56	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	21.15.49,76	[illegible]	−0,67	[illegible]	[illegible]	−1512,4	[illegible]	[illegible]
[illegible]	[illegible]	21.48.56,97	[illegible]	[illegible]	[illegible]	[illegible]	1686,2	−24,1	+8,0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.50.58,9	1708,4	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	94.23. 3,5	1758,5	21,0	[illegible]
2273	[illegible]	22. 5.20,87	[illegible]	[illegible]	[illegible]	94.45.31,0	[illegible]	21,2	+1,0
[illegible]	[illegible]	22.32.44,69	[illegible]	[illegible]	[illegible]	[illegible]	1860,6	16,1	+11,3
[illegible]	[illegible]	22.42.40,94	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1985,7	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−2003,9	[illegible]	−6,6
[illegible]	[illegible]	0.57.58,92	+304,12	0,24	[illegible]	[illegible]	[illegible]	[illegible]	+9,0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−0,2
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	6	[illegible]	[illegible]	0,63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

N°.	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2283	6	3.53.56,66	[illegible]	[illegible]	− 0,20	[illegible]	[illegible]	+36,9	+ 20,0
2284	[illegible]	[illegible]	+294,36	[illegible]	[illegible]	[illegible]	[illegible]	+40,7	+ 26,0
2285	[illegible]	4.47.58,76	[illegible]	[illegible]	[illegible]	95.37.11,3	− 619,9	[illegible]	− 4,4
2286	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2287	6,3	4.55.51,11	[illegible]	+0,40	[illegible]	[illegible]	[illegible]	[illegible]	+110,0
2288	[illegible]	5. 2.56,02	[illegible]	+0,43	[illegible]	95.12.56,1	[illegible]	[illegible]	[illegible]
2289	[illegible]	[illegible]	[illegible]	+0,33	[illegible]	95.27.20,3	[illegible]	+42,7	0,0
2290	[illegible]	5.30.28,27	[illegible]	+0,33	[illegible]	95.28.54,2	[illegible]	[illegible]	− 1,0
2291	3,0	5.30.32,48	+293,36	+0,32	+ 0,01	95.58.31,7	[illegible]	[illegible]	[illegible]
2292	6,5	[illegible]	+298,53	[illegible]	− 2,80	95. 3.20,8	+1350,7	[illegible]	− 4,0
2293	[illegible]	9.11.45,69	[illegible]	[illegible]	[illegible]	95.56. 8,5	[illegible]	+28,5	[illegible]
2294	[illegible]	[illegible]	+298,92	[illegible]	[illegible]	95.38. 3,0	+1551,9	−27,2	+ 6,0
2295	[illegible]	[illegible]	[illegible]	−0,23	[illegible]	95.28. 6,0	+1588,1	−26,0	+ 4,4
2296	[illegible]	[illegible]	+307,76	+0,51	[illegible]	[illegible]	+2003,6	− 2,6	− 13,6
2297	[illegible]	[illegible]	[illegible]	−0,64	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2298	[illegible]	[illegible]	[illegible]	+0,70	[illegible]	95.45.16,0	+1971,0	[illegible]	[illegible]
2299	[illegible]	[illegible]	[illegible]	+0,79	[illegible]	[illegible]	+1925,2	−13,4	+ 4,0
2300	[illegible]	13.17.19,25	[illegible]	+0,88	[illegible]	[illegible]	+1892,2	−15,8	+ 13,5
2301	[illegible]	13.25.12,59	−312,33	+0,92	+ 0,09	[illegible]	[illegible]	−17,3	[illegible]
2302	[illegible]	13.26.45,82	+312,23	+0,92	[illegible]	95.44.22,1	[illegible]	−17,5	[illegible]
2303	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.28.59,4	+1695,2	[illegible]	9,0
2304	[illegible]	14.10.46,18	[illegible]	[illegible]	− 0,13	95.31.24,1	+1687,1	−25,5	[illegible]
2305	[illegible]	[illegible]	+315,00	[illegible]	[illegible]	[illegible]	+1548,0	−30,0	[illegible]
2306	6,5	16.49.14,91	[illegible]	[illegible]	[illegible]	[illegible]	+ 609,2	−44,8	[illegible]
2307	6	17.14.38,34	[illegible]	+0,50	0,00	95.48.33,0	[illegible]	−46,0	+ 16,9
2308	[illegible]	[illegible]	[illegible]	−0,21	[illegible]	95.52.47,7	[illegible]	−45,2	[illegible]
2309	3,5	19. 0.56,53	[illegible]	[illegible]	− 0,20	95. 1.57,0	[illegible]	−44,5	+ 8,3
2310	5,2	[illegible]	+319,69	[illegible]	[illegible]	95.36. 9,6	[illegible]	[illegible]	− 6,0
2311	6,6	19.35. 2,05	[illegible]	[illegible]	− 0,07	95.40.39,0	[illegible]	−42,0	0,0
2312	6,6	19.56.52,69	+318,03	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,5
2313	[illegible]	20.42.27,70	[illegible]	[illegible]	− 0,06	95.23.38,2	−1305,0	−34,5	+ 3,7
2314	6,5	20.46.51,34	[illegible]	−0,68	[illegible]	[illegible]	−1334,3	−34,1	[illegible]
2315	6,3	20.55.17,87	[illegible]	−0,66	[illegible]	[illegible]	−1388,5	−32,7	[illegible]
2316	[illegible]	[illegible]	[illegible]	[illegible]	0,00	95.53.57,1	[illegible]	−23,5	[illegible]
2317	6,3	[illegible]	[illegible]	−0,61	[illegible]	95.12.50,2	−1768,6	−20,8	[illegible]
2318	[illegible]	22.13.53,23	[illegible]	−0,62	[illegible]	95.53.10,0	[illegible]	[illegible]	− 4,2
2319	6	[illegible]	[illegible]	−0,58	[illegible]	[illegible]	−1813,3	−18,8	[illegible]
2320	[illegible]	22.52. 6,54	[illegible]	[illegible]	− 0,44	95.20.40,7	[illegible]	[illegible]	[illegible]
2321	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	95.40.14,8	[illegible]	− 8,2	[illegible]
2322	[illegible]	[illegible]	[illegible]	−0,30	[illegible]	[illegible]	[illegible]	− 6,8	[illegible]
2323	[illegible]	[illegible]	[illegible]	−0,14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2324	6,5	[illegible]	305,34	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 10,5
2325	[illegible]	[illegible]	[illegible]	+0,40	+ 0,04	96.14. 0,6	[illegible]	[illegible]	[illegible]
2326	[illegible]	[illegible]	+298,45	[illegible]	+ 0,54	[illegible]	−1681,3	+24,5	[illegible]
2327	[illegible]	2.57.12,36	[illegible]	+0,58	+ 0,20	[illegible]	[illegible]	+29,8	[illegible]
2328	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+38,1	[illegible]
2329	[illegible]	[illegible]	[illegible]	[illegible]	− 0,03	96.56.54,7	[illegible]	+39,6	[illegible]
2330	[illegible]	[illegible]	[illegible]	+0,39	[illegible]	96.57. 8,6	[illegible]	[illegible]	[illegible]
2331	[illegible]	6. 9.58,68	+292,66	[illegible]	[illegible]	96.14.39,2	+ 87,3	+42,6	+ 6,0
2332	[illegible]	[illegible]	+291,02	+0,10	[illegible]	96.58. 6,9	[illegible]	[illegible]	− 3,4
2333	4,5	[illegible]	[illegible]	[illegible]	[illegible]	96.52.23,4	+1280,6	+32,6	[illegible]
2334	[illegible]	8.46.39,51	[illegible]	[illegible]	[illegible]	96.48. 8,5	[illegible]	+31,7	0,0
2335	6,1	[illegible]	+296,53	[illegible]	[illegible]	[illegible]	[illegible]	+29,0	− 4,7

N°	Grandeur	α 1900,0	Précession	Variation séculaire	Mouvement propre	δ 1900,0	Précession	Variation séculaire	Mouvement propre
2336	6,8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2337	7	10. 8.46,07	[illegible]	[illegible]	[illegible]	[illegible]	−1773,7	[illegible]	[illegible]
2338	6,0	[illegible]	[illegible]	[illegible]	[illegible]	96.33.20,2	−1820,1	+17,7	[illegible]
2339	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−10,0	[illegible]
2340	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−8,0	+2,8
2341	[illegible]	[illegible]	[illegible]	+1,00	[illegible]	[illegible]	[illegible]	−20,6	−1,5
2342	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96.27. 5,3	−1695,1	[illegible]	[illegible]
2343	[illegible]	20.15. 6,71	[illegible]	[illegible]	[illegible]	96.40.28,3	[illegible]	[illegible]	+8,5
2344	6	[illegible]	[illegible]	[illegible]	[illegible]	96.13. 7,8	[illegible]	[illegible]	−0,3
2345	3,3	21.26.17,72	+315,98	[illegible]	[illegible]	96. 0.40,3	−1570,5	−28,0	[illegible]
2346	7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1843,5	−17,3	−1,5
2347	[illegible]	[illegible]	[illegible]	−0,43	+0,15	[illegible]	[illegible]	[illegible]	[illegible]
2348	7,0	[illegible]	+307,65	[illegible]	+0,06	96.26.54,4	−2004,6	−0,3	[illegible]
2349	4,7	[illegible]	[illegible]	[illegible]	−0,30	[illegible]	[illegible]	−0,2	[illegible]
2350	[illegible]	0.50.39,15	[illegible]	+0,07	[illegible]	97.53.16,2	−1956,5	[illegible]	0,0
2351	7	[illegible]	[illegible]	[illegible]	[illegible]	97.32.53,0	[illegible]	[illegible]	0,0
2352	7	[illegible]	[illegible]	[illegible]	0,00	[illegible]	−1862,5	+17,0	0,0
2353	[illegible]	[illegible]	[illegible]	[illegible]	−1,06	[illegible]	−1857,0	[illegible]	+7,9
2354	5,6	[illegible]	+294,04	[illegible]	[illegible]	97.59.30,8	[illegible]	+30,8	[illegible]
2355	[illegible]	[illegible]	[illegible]	+0,58	[illegible]	[illegible]	[illegible]	+37,8	−4,0
2356	[illegible]	[illegible]	+292,58	[illegible]	−0,07	97. 5.53,5	[illegible]	−38,0	[illegible]
2357	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−920,5	[illegible]	[illegible]
2358	5,6	[illegible]	[illegible]	−0,45	[illegible]	97.19.13,6	[illegible]	[illegible]	[illegible]
2359	[illegible]	[illegible]	+289,02	+0,36	[illegible]	[illegible]	−355,6	[illegible]	+2,5
2360	4,7	[illegible]	[illegible]	[illegible]	[illegible]	97.22.31,0	[illegible]	[illegible]	[illegible]
2361	5,6	5.34. 2,71	[illegible]	−0,31	−0,33	[illegible]	−226,6	[illegible]	[illegible]
2362	5,2	6.14.53,81	[illegible]	[illegible]	[illegible]	97.46.50,7	[illegible]	[illegible]	−1,9
2363	6	7.24.34,19	[illegible]	[illegible]	[illegible]	97.20.54,1	+723,3	+39,4	−15,5
2364	6	8.30.35,55	+293,08	[illegible]	[illegible]	[illegible]	+1224,8	+33,4	[illegible]
2365	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.38. 2,8	[illegible]	+23,7	[illegible]
2366	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	97.54.59,3	+1758,7	+20,2	[illegible]
2367	6	[illegible]	+298,39	[illegible]	[illegible]	97.55.29,3	+1762,1	[illegible]	+1,9
2368	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1788,8	+18,8	−0,4
2369	[illegible]	[illegible]	[illegible]	+0,04	−0,50	[illegible]	[illegible]	[illegible]	[illegible]
2370	[illegible]	11.27.42,54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+6,0	[illegible]
2371	4,8	[illegible]	[illegible]	+0,77	[illegible]	[illegible]	+1982,6	[illegible]	+3,1
2372	7	[illegible]	[illegible]	+0,81	[illegible]	97. 5.16,0	[illegible]	[illegible]	0,0
2373	7,0	13.32.20,78	[illegible]	[illegible]	[illegible]	97.21.43,5	+1844,7	−18,0	[illegible]
2374	[illegible]	13.49.43,32	[illegible]	[illegible]	−1,44	97.34. 0,3	[illegible]	−21,8	[illegible]
2375	6,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2376	7	14.17.21,11	[illegible]	[illegible]	0,00	97.18.33,0	[illegible]	−26,7	[illegible]
2377	[illegible]	[illegible]	[illegible]	+1,16	[illegible]	97.49.47,7	+1542,1	[illegible]	[illegible]
2378	[illegible]	[illegible]	+323,01	+0,87	[illegible]	97.22.11,6	[illegible]	[illegible]	+21,0
2379	[illegible]	19.31.30,74	+322,90	[illegible]	+0,05	[illegible]	−779,4	[illegible]	[illegible]
2380	6,8	[illegible]	[illegible]	[illegible]	−0,11	[illegible]	−1023,5	[illegible]	−2,0
2381	6	21.58. 0,79	[illegible]	−0,73	+0,10	[illegible]	[illegible]	−22,7	[illegible]
2382	6,2	[illegible]	[illegible]	+0,63	[illegible]	[illegible]	[illegible]	[illegible]	−2,3
2383	6,3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−13,1	+3,4
2384	[illegible]	22.56.11,79	+312,17	−0,56	−0,30	97.35.53,9	[illegible]	−11,8	+0,2
2385	[illegible]	[illegible]	[illegible]	[illegible]	0,00	98.20.12,0	−2003,5	+2,6	0,0
2386	[illegible]	[illegible]	[illegible]	+0,16	[illegible]	98.27.37,6	[illegible]	+14,0	−26,3
2387	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1886,7	+15,6	+21,5

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	[illegible] 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
					s			"	
2388	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,37	[illegible]	[illegible]	+26,7	[illegible]
2389	6,5	[illegible]	[illegible]	+0,50	[illegible]	98.15.58,6	[illegible]	+27,0	+ 6,4
2390	[illegible]	[illegible]	[illegible]	+0,56	[illegible]	[illegible]	[illegible]	+30,4	+ 7,5
2391	6,5	[illegible]	[illegible]	+0,56	[illegible]	98. 4.43,2	[illegible]	+30,6	− 0,5
2392	[illegible]	[illegible]	[illegible]	+0,58	0,00	98. 8.40,3	[illegible]	+32,7	+23,0
2393	5,6	[illegible]	[illegible]	[illegible]	[illegible]	98.26.26,2	[illegible]	+39,2	[illegible]
2394	[illegible]	[illegible]	[illegible]	[illegible]	− 0,13	98.47.42,5	[illegible]	+40,8	+ 4,0
2395	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,06	98.52.56,2	[illegible]	+40,8	+ 0,8
2396	7,0	5. 8.44,82	[illegible]	+0,40	− 0,18	98.15.55,9	[illegible]	+41,2	− 1,0
2397	[illegible]	5. 9.43,90	+288,16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0,0
2398	[illegible]	7.17.14,31	[illegible]	[illegible]	[illegible]	[illegible]	+ 663,0	[illegible]	− 1,6
2399	[illegible]	[illegible]	+288,36	[illegible]	[illegible]	98.39.50,9	+ 745,6	+38,7	+15,0
2400	[illegible]	[illegible]	[illegible]	[illegible]	− 0,23	98.11. 6,4	[illegible]	+30,0	− 0,2
2401	6	9. 4.42,08	[illegible]	[illegible]	− 0,28	98.22.53,3	+1446,7	[illegible]	[illegible]
2402	5,5	[illegible]	[illegible]	−0,20	[illegible]	98.19.38,1	+1488,9	+28,0	[illegible]
2403	2,2	9.22.40,42	[illegible]	[illegible]	[illegible]	98.13.30,0	+1550,6	+26,6	[illegible]
2404	[illegible]	9.32.57,33	[illegible]	−0,10	− 0,57	98.58.29,8	+1606,5	+25,0	[illegible]
2405	5,8	10.45.16,99	[illegible]	[illegible]	[illegible]	[illegible]	+1899,6	+13,3	+ 0,8
2406	6,5	[illegible]	[illegible]	[illegible]	[illegible]	98. 7.24,5	[illegible]	− 5,3	0,0
2407	[illegible]	12.28.36,96	[illegible]	+0,82	[illegible]	98.54. 0,8	+1989,6	− 6,4	− 0,8
2408	5,0	12.49. 9,10	[illegible]	+0,93	− 0,24	98.59.45,1	+1958,8	[illegible]	+ 2,8
2409	5,5	[illegible]	[illegible]	+0,96	[illegible]	98.26.55,8	+1930,5	−13,2	+ 6,3
2410	5,3	13.36.21,74	[illegible]	+1,08	− 0,73	98.11.54,3	+1830,1	−19,4	− 3,3
2411	6,8	14. 0.59,98	[illegible]	[illegible]	[illegible]	98.24.52,1	+1731,7	−24,0	− 0,9
2412	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1730,3	−24,1	− 1,8
2413	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98. 7.19,8	[illegible]	−32,9	+ 1,5
2414	[illegible]	15.55.23,63	[illegible]	+1,00	[illegible]	98. 7.42,3	[illegible]	[illegible]	[illegible]
2415	[illegible]	[illegible]	[illegible]	+0,96	− 0,15	98.17.20,0	[illegible]	−42,0	− 0,5
2416	[illegible]	16.10.11,02	[illegible]	[illegible]	+ 1,40	98. 6.17,4	[illegible]	[illegible]	+51,0
2417	[illegible]	[illegible]	+326,06	+0,39	− 0,31	[illegible]	+ 240,8	−47,3	[illegible]
2418	4,9	17.57.38,32	+326,45	+0,20	[illegible]	[illegible]	+ 20,7	−47,7	[illegible]
2419	[illegible]	18.29.45,92	+326,60	[illegible]	[illegible]	98.18.50,5	[illegible]	[illegible]	+31,5
2420	5,1	18.38. 4,44	+326,68	−0,11	[illegible]	98.22.26,8	[illegible]	[illegible]	[illegible]
2421	5,3	19. 7.15,21	+325,50	−0,31	[illegible]	98. 6.24,3	[illegible]	[illegible]	[illegible]
2422	4,8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1603,3	[illegible]	+ 2,3
2423	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,18	98.40.39,5	[illegible]	−21,7	[illegible]
2424	[illegible]	[illegible]	[illegible]	−0,78	+ 0,50	98. 1.36,3	[illegible]	[illegible]	+48,0
2425	[illegible]	[illegible]	+316,10	−0,75	[illegible]	[illegible]	[illegible]	−20,3	+ 1,9
2426	5,3	[illegible]	[illegible]	−0,75	+ 0,08	98.19.24,3	−1797,7	−19,6	+ 0,9
2427	[illegible]	22.47.23,88	[illegible]	[illegible]	[illegible]	98. 6.42,3	[illegible]	−13,4	− 3,5
2428	[illegible]	22.59.56,88	[illegible]	[illegible]	+ 0,71	98.14. 0,3	[illegible]	[illegible]	− 2,2
2429	5,2	[illegible]	[illegible]	[illegible]	[illegible]	98.16.19,3	−1960,8	− 8,8	[illegible]
2430	[illegible]	[illegible]	+309,70	−0,40	[illegible]	98. 1. 4,6	−1987,7	[illegible]	[illegible]
2431	[illegible]	[illegible]	+305,85	[illegible]	− 0,13	99.22.41,8	[illegible]	+ 3,6	+ 3,0
2432	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,97	[illegible]	−1970,3	+ 9,1	[illegible]
2433	6	1.32.37,80	+298,08	[illegible]	+ 1,80	[illegible]	−1843,7	+17,5	− 6,0
2434	[illegible]	[illegible]	[illegible]	+0,35	[illegible]	99. 0.28,5	[illegible]	+21,6	0,0
2435	6,5	2.35.20,47	[illegible]	+0,45	− 0,96	[illegible]	−1562,0	[illegible]	[illegible]
2436	[illegible]	2.51.32,52	+292,45	[illegible]	− 0,60	99.17.45,8	[illegible]	[illegible]	+21,3
2437	[illegible]	3.10.40,03	[illegible]	+0,55	− 0,16	[illegible]	[illegible]	+31,9	+ 0,7
2438	[illegible]	3.10.58,52	+291,23	+0,56	[illegible]	99.11.27,7	[illegible]	[illegible]	− 5,3
2439	3,8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1232,7	+32,3	[illegible]
2440	[illegible]	5.43. 0,83	[illegible]	+0,26	[illegible]	99.42.18,2	[illegible]	[illegible]	+ 0,3

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION SÉCULAIRE	MOUVEMENT PROPRE	δ 1900,0	PRÉCESSION	VARIATION SÉCULAIRE	MOUVEMENT PROPRE
2441	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−37,7	[illegible]
2442	5	[illegible]	−293,15	0,13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2443	[illegible]	[illegible]	[illegible]	+0,50	[illegible]	99.14.56,7	[illegible]	[illegible]	−3,2
2444	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2445	[illegible]	11.55.36,50	[illegible]	−0,67	−0,30	99.52.34,3	+2004,8	−0,5	+50,0
2446	[illegible]	[illegible]	[illegible]	−0,73	[illegible]	99.43.42,4	[illegible]	2,2	[illegible]
2447	[illegible]	[illegible]	−313,68	[illegible]	−0,07	[illegible]	+1926,3	[illegible]	−1,9
2448	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.38.59,0	+1861,1	[illegible]	[illegible]
2449	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1720,2	[illegible]	−1,9
2450	4,3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25,3	13,2
2451	[illegible]	[illegible]	[illegible]	−1,18	[illegible]	99. 0.50,4	[illegible]	−35,4	[illegible]
2452	[illegible]	15.18.46,51	−325,18	[illegible]	0,70	[illegible]	+1297,2	[illegible]	+15,0
2453	[illegible]	15.28.42,63	[illegible]	[illegible]	−1,80	[illegible]	[illegible]	[illegible]	+24,0
2454	[illegible]	[illegible]	−327,60	[illegible]	[illegible]	99.48.19,2	+952,8	[illegible]	[illegible]
2455	3,7	[illegible]	−330,22	[illegible]	+0,07	99.45.41,0	+56,7	−48,1	[illegible]
2456	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2457	[illegible]	[illegible]	[illegible]	−0,70	[illegible]	[illegible]	[illegible]	−40,0	[illegible]
2458	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−3,0
2459	[illegible]	20.47.15,66	−323,65	+0,83	[illegible]	[illegible]	+1336,6	[illegible]	[illegible]
2460	[illegible]	21.39.40,34	[illegible]	[illegible]	[illegible]	99.32.29,6	[illegible]	26,2	−2,0
2461	[illegible]	22.11.55,79	−317,51	[illegible]	[illegible]	[illegible]	+1785,0	20,4	[illegible]
2462	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	99.52.54,8	−1868,4	16,1	1,9
2463	4,5	[illegible]	−312,08	+0,61	−2,50	[illegible]	−1958,4	9,1	[illegible]
2464	[illegible]	[illegible]	−311,96	[illegible]	[illegible]	[illegible]	−1962,7	8,6	−1,5
2465	[illegible]	0. 9.48,16	−306,25	−0,27	0,00	100. 7.31,5	2003,3	[illegible]	0,0
2466	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1955,5	[illegible]	[illegible]
2467	6	1. 1. 4,03	[illegible]	[illegible]	[illegible]	100.22.29,4	[illegible]	−12,3	[illegible]
2468	6	[illegible]	[illegible]	[illegible]	[illegible]	100.19.13,2	[illegible]	[illegible]	[illegible]
2469	3,6	[illegible]	[illegible]	0,00	[illegible]	100.42.44,1	−1928,1	[illegible]	+12,5
2470	[illegible]	1.46.31,47	[illegible]	[illegible]	−0,20	100.49.44,3	1792,0	[illegible]	+2,7
2471	[illegible]	1.52.16,68	[illegible]	[illegible]	[illegible]	[illegible]	−1769,3	[illegible]	−26,6
2472	[illegible]	2. 6.27,97	[illegible]	[illegible]	[illegible]	100.51. 6,6	−1707,6	25,3	[illegible]
2473	[illegible]	2.11.19,93	[illegible]	+0,34	[illegible]	[illegible]	−1685,0	[illegible]	10,0
2474	3,7	[illegible]	−287,82	[illegible]	[illegible]	[illegible]	−1460,9	[illegible]	[illegible]
2475	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2476	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2477	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	100. 8.51,1	[illegible]	[illegible]	30,9
2478	[illegible]	[illegible]	282,08	[illegible]	[illegible]	100.41.17,4	[illegible]	−41,0	[illegible]
2479	[illegible]	[illegible]	[illegible]	−0,04	[illegible]	[illegible]	[illegible]	−24,7	[illegible]
2480	5,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	11,0
2481	[illegible]	11.19.33,50	[illegible]	[illegible]	[illegible]	100.18.38,5	[illegible]	[illegible]	[illegible]
2482	[illegible]	[illegible]	[illegible]	+1,06	[illegible]	100.12.20,5	[illegible]	[illegible]	−0,8
2483	[illegible]	13. 9.41,55	[illegible]	1,11	[illegible]	[illegible]	[illegible]	15,9	−33,0
2484	[illegible]	[illegible]	−314,29	+1,09	[illegible]	100. 1. 9,5	+1906,5	[illegible]	[illegible]
2485	[illegible]	13.15. 4,72	−315,46	[illegible]	[illegible]	100.46.45,0	1898,6	[illegible]	0,0
2486	[illegible]	[illegible]	[illegible]	+1,16	[illegible]	100.58.21,6	[illegible]	[illegible]	3,2
2487	[illegible]	[illegible]	−324,65	[illegible]	[illegible]	[illegible]	[illegible]	−33,0	0,1
2488	[illegible]	14.53.28,92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−33,1	[illegible]
2489	[illegible]	16.31.39,09	−329,88	+0,86	−0,07	100.21.52,6	[illegible]	[illegible]	−2,2
2490	[illegible]	[illegible]	−330,91	+0,80	[illegible]	100.36.22,2	[illegible]	46,1	[illegible]
2491	[illegible]	19.29.36,60	[illegible]	[illegible]	[illegible]	100.46.43,3	[illegible]	−44,3	[illegible]
2492	6,5	[illegible]	[illegible]	[illegible]	−2,10	[illegible]	[illegible]	[illegible]	[illegible]
2493	6	20.26.55,45	326,54	0,81	[illegible]	100.11.40,5	1199,2	38,0	10,0

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	Ⓟ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2494	5,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1364,0	−34,3	+ 0,5
2495	[illegible]	[illegible]	[illegible]	−0,90	0,00	[illegible]	[illegible]	−30,2	[illegible]
2496	[illegible]	22.34. 0,33	[illegible]	−0,81	− 0,40	[illegible]	[illegible]	−16,2	+ 0,3
2497	7	[illegible]	[illegible]	−0,78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2498	5,2	[illegible]	[illegible]	[illegible]	+ 0,27	100. 9.27,1	−1964,0	− 8,3	+ 0,1
2499	6	[illegible]	+308,88	−0,46	[illegible]	100.31.56,4	[illegible]	− 2,2	− 8,0
2500	6,5	0.39. 8,68	+302,79	[illegible]	[illegible]	101. 9.14,9	−1976,1	+ 8,3	+10,9
2501	5,5	[illegible]	[illegible]	−0,14	[illegible]	101.10.57,8	[illegible]	[illegible]	+22,0
2502	[illegible]	0.51. 0,56	[illegible]	[illegible]	[illegible]	101.48.29,0	−1955,8	[illegible]	+ 1,9
2503	6	[illegible]	+300,72	−0,11	[illegible]	[illegible]	−1950,4	+10,9	[illegible]
2504	6	1.36.48,65	[illegible]	−0,11	[illegible]	[illegible]	−1829,1	[illegible]	[illegible]
2505	[illegible]	[illegible]	[illegible]	+0,22	[illegible]	101.10.51,3	[illegible]	[illegible]	+ 8,5
2506	[illegible]	2.17. 8,10	+292,32	+0,35	[illegible]	101.13.54,0	−1656,8	[illegible]	+ 5,3
2507	7	2.58.43,54	+288,38	+0,48	0,00	101.21.51,5	[illegible]	[illegible]	+16,0
2508	[illegible]	5. 6.42,77	+279,68	+0,37	[illegible]	101.58.24,7	[illegible]	[illegible]	[illegible]
2509	[illegible]	[illegible]	+279,61	+0,37	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2510	[illegible]	6.49.32,65	+279,69	+0,04	[illegible]	101.54.47,5	+ 430,0	[illegible]	[illegible]
2511	[illegible]	7.23. 9,40	[illegible]	0,00	[illegible]	101.21.13,5	+ 711,7	+38,0	[illegible]
2512	[illegible]	9.14.57,41	[illegible]	0,00	[illegible]	101.33. 9,7	+1507,3	[illegible]	[illegible]
2513	7	9.30. 0,37	+290,45	[illegible]	+ 0,10	101.40.47,9	+1590,8	+25,4	+17,4
2514	[illegible]	[illegible]	+293,81	[illegible]	[illegible]	[illegible]	+1760,6	+19,5	+ 8,8
2515	6	[illegible]	+296,86	+0,24	+ 2,00	[illegible]	[illegible]	+15,9	+68,0
2516	[illegible]	11.22. 7,21	+302,66	[illegible]	[illegible]	101.48.25,6	+1978,0	+ 7,0	− 3,4
2517	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,20	[illegible]	+2004,9	[illegible]	[illegible]
2518	[illegible]	13.40.36,44	+319,27	+1,30	− 0,28	101.55.31,4	+1815,0	[illegible]	[illegible]
2519	[illegible]	13.53. 5,04	[illegible]	+1,30	+ 1,08	101.34. 5,6	+1766,1	[illegible]	−16,8
2520	[illegible]	14.18. 2,69	+322,31	+1,33	[illegible]	101.15.26,3	[illegible]	−27,3	[illegible]
2521	[illegible]	[illegible]	[illegible]	+1,32	− 0,76	101.12.56,0	+1646,0	−27,5	[illegible]
2522	6,5	14.31.40,46	[illegible]	[illegible]	− 6,00	101.52.49,4	[illegible]	−28,8	−36,0
2523	[illegible]	[illegible]	+325,50	+1,33	− 0,48	[illegible]	+1484,2	−32,4	+ 2,0
2524	[illegible]	14.51.20,44	+324,91	+1,30	[illegible]	101. 0.22,1	+1470,1	−32,8	+ 0,1
2525	[illegible]	15.58.52,00	+329,91	+1,09	[illegible]	101. 5.50,6	[illegible]	−41,9	[illegible]
2526	6,5	16. 8.18,90	+331,48	+1,05	− 0,28	[illegible]	[illegible]	[illegible]	+ 0,4
2527	6,5	18.29.28,84	[illegible]	0,00	+ 0,16	[illegible]	[illegible]	[illegible]	+ 0,3
2528	[illegible]	19.43.31,35	+330,91	−0,60	+ 0,30	[illegible]	[illegible]	[illegible]	− 0,8
2529	6	19.45.16,64	+330,63	−0,63	[illegible]	[illegible]	[illegible]	−42,9	− 5,7
2530	4,5	[illegible]	+326,58	−0,98	[illegible]	101.46.35,7	[illegible]	−32,6	+ 0,6
2531	[illegible]	[illegible]	[illegible]	−1,00	+ 0,15	[illegible]	−1647,9	−26,1	+ 0,4
2532	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 4,7
2533	4,8	22.25.21,37	+317,84	−0,87	0,00	101.11.22,8	−1836,2	−17,8	[illegible]
2534	6,8	22.26.23,14	+317,99	−0,89	+ 0,30	101.25. 4,9	−1840,3	−17,7	[illegible]
2535	6,7	22.43.14,49	+315,88	[illegible]	+ 0,22	101. 5. 1,7	[illegible]	−14,4	[illegible]
2536	5,6	23.59.22,86	+307,34	[illegible]	[illegible]	101. 3.57,8	[illegible]	+ 0,6	+ 0,8
2537	[illegible]	[illegible]	+304,92	[illegible]	+ 2,60	102.45.56,9	−1999,3	[illegible]	[illegible]
2538	6	0.38.47,82	+302,26	−0,24	[illegible]	102.33.11,8	−1976,6	+ 8,2	[illegible]
2539	[illegible]	[illegible]	+289,78	[illegible]	[illegible]	102.44.28,7	−1636,5	[illegible]	[illegible]
2540	4	[illegible]	+289,06	+0,36	+ 0,80	102.17.48,4	[illegible]	+26,8	[illegible]
2541	6,7	[illegible]	+287,30	+0,40	0,00	102.52.36,9	[illegible]	+28,0	0,0
2542	4,5	3.41.24,74	+283,06	[illegible]	+ 0,02	[illegible]	[illegible]	+34,4	[illegible]
2543	[illegible]	5.15.20,60	+278,40	[illegible]	[illegible]	102.25. 4,6	− 388,2	+40,0	[illegible]
2544	4,6	8. 6.34,76	[illegible]	[illegible]	[illegible]	102.37.48,4	[illegible]	+34,6	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	P 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2545	6,5	[illegible]	[illegible]	[illegible]	[illegible]	102.17.36,4	−1104,2	+34,2	[illegible]
2546	6,7	[illegible]	[illegible]	−0,10	−0,34	[illegible]	[illegible]	[illegible]	+ 2,5
2547	5,1	8.35.17,17	[illegible]	[illegible]	[illegible]	102. 7.18,6	−1256,7	[illegible]	− 0,9
2548	4,7	[illegible]	+292,35	−0,15	−0,18	[illegible]	[illegible]	+20,5	[illegible]
2549	[illegible]	11.33.35,33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 4,3	[illegible]
2550	6,5	[illegible]	+310,58	[illegible]	[illegible]	102.50.20,2	−1993,3	[illegible]	+ 4,1
2551	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 2,0
2552	6	[illegible]	[illegible]	−1,06	[illegible]	102.27.57,9	−1980,4	[illegible]	− 2,0
2553	[illegible]	[illegible]	+317,28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2554	[illegible]	13.29.21,37	[illegible]	−1,31	[illegible]	102.42. 5,4	−1854,8	[illegible]	[illegible]
2555	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−26,7	[illegible]
2556	[illegible]	16. 2. 3,10	[illegible]	[illegible]	[illegible]	102.28.35,3	− 987,1	[illegible]	[illegible]
2557	[illegible]	[illegible]	−335,94	−0,72	+ 0,35	102.32. 2,7	− 528,3	[illegible]	[illegible]
2558	[illegible]	17.15.12,07	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2559	4,7	[illegible]	[illegible]	[illegible]	[illegible]	102.49.17,9	[illegible]	[illegible]	+ 3,8
2560	[illegible]	[illegible]	[illegible]	−0,30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2561	6	[illegible]	−333,33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2562	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	102.49. 2,3	[illegible]	[illegible]	[illegible]
2563	3,8	[illegible]	[illegible]	[illegible]	[illegible]	102.51.17,5	[illegible]	[illegible]	[illegible]
2564	[illegible]	[illegible]	−330,30	−0,98	[illegible]	[illegible]	[illegible]	[illegible]	+ 5,4
2565	[illegible]	[illegible]	+326,26	[illegible]	[illegible]	102.31.21,6	−1541,6	−30,3	[illegible]
2566	5,4	[illegible]	[illegible]	[illegible]	[illegible]	102. 3.24,5	[illegible]	−21,8	1,0
2567	[illegible]	22.48.12,80	−316,13	[illegible]	[illegible]	102. 8.54,4	[illegible]	13,5	+ 1,2
2568	6,5	[illegible]	[illegible]	−0,59	[illegible]	102.27.51,2	[illegible]	[illegible]	+ 7,6
2569	[illegible]	0. 5.35,35	[illegible]	−0,48	0,00	103. 8. 7,1	−2004,6	[illegible]	[illegible]
2570	6	0.40.27,28	[illegible]	0,30	− 0,40	103.25.20,4	[illegible]	− 8,1	[illegible]
2571	[illegible]	1.21.55,46	[illegible]	[illegible]	[illegible]	103.34.34,2	[illegible]	[illegible]	− 1,1
2572	6,5	[illegible]	[illegible]	−0,37	[illegible]	103.10.30,7	[illegible]	−28,4	+ 21,0
2573	[illegible]	3.53.21,82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−35,2	[illegible]
2574	[illegible]	5. 8.36,61	[illegible]	[illegible]	[illegible]	103. 3.34,4	[illegible]	[illegible]	+ 0,8
2575	[illegible]	5.13. 4,56	−275,55	[illegible]	[illegible]	103.37.34,1	[illegible]	[illegible]	[illegible]
2576	[illegible]	[illegible]	[illegible]	[illegible]	− 0,03	[illegible]	[illegible]	[illegible]	[illegible]
2577	[illegible]	6.51.31,77	[illegible]	[illegible]	[illegible]	103.54.51,1	[illegible]	−38,9	[illegible]
2578	5,5	[illegible]	278,30	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2579	[illegible]	[illegible]	[illegible]	−0,05	0,00	[illegible]	[illegible]	[illegible]	+ 5,8
2580	[illegible]	8. 6. 1,76	[illegible]	[illegible]	[illegible]	103.30.18,2	[illegible]	−34,6	[illegible]
2581	[illegible]	8.41.39,02	[illegible]	[illegible]	[illegible]	103.10.55,4	[illegible]	[illegible]	[illegible]
2582	[illegible]	9.35.30,71	[illegible]	+0,09	[illegible]	103.52.42,3	[illegible]	[illegible]	− 0,2
2583	6,5	10.37.15,43	[illegible]	[illegible]	− 1,60	103.15.37,5	−1876,0	[illegible]	[illegible]
2584	[illegible]	11.51.49,45	[illegible]	−0,83	[illegible]	103.11.38,3	−2003,9	− 0,7	[illegible]
2585	5,4	[illegible]	[illegible]	[illegible]	− 0,15	[illegible]	−2000,5	[illegible]	2,0
2586	6,5	[illegible]	+311,04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2587	[illegible]	[illegible]	[illegible]	[illegible]	− 0,15	[illegible]	[illegible]	−20,3	− 15,9
2588	[illegible]	[illegible]	[illegible]	[illegible]	− 0,53	[illegible]	−1513,9	−32,0	[illegible]
2589	4,8	[illegible]	−335,56	[illegible]	[illegible]	103.59.26,9	−1058,2	41,9	[illegible]
2590	6,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2591	[illegible]	[illegible]	[illegible]	−0,80	[illegible]	[illegible]	[illegible]	[illegible]	38,0
2592	[illegible]	19.56.22,43	[illegible]	[illegible]	0,02	[illegible]	[illegible]	[illegible]	[illegible]
2593	[illegible]	[illegible]	[illegible]	−0,87	[illegible]	103. 4.25,1	[illegible]	[illegible]	[illegible]
2594	[illegible]	20.54.25,08	330,42	−1,04	[illegible]	103.26.25,8	[illegible]	[illegible]	[illegible]
2595	6,5	[illegible]	327,72	[illegible]	[illegible]	103.18.26,3	[illegible]	30,4	[illegible]
2596	5,7	[illegible]	[illegible]	[illegible]	− 0,15	103.19.48,7	[illegible]	[illegible]	− 0,5
2597	[illegible]	22.13.38,69	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−20,4	+ 0,1

N°.	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2598	7,0	[illegible]	+320,16	−1,01	[illegible]	[illegible]	[illegible]	−18,2	[illegible]
2599	6,5	[illegible]	[illegible]	−0,61	[illegible]	103.57.54,6	−2005,1	[illegible]	[illegible]
2600	[illegible]	[illegible]	+305,42	[illegible]	[illegible]	[illegible]	[illegible]	+2,7	+2,0
2601	6	[illegible]	[illegible]	[illegible]	0,00	104. 6.12,0	[illegible]	[illegible]	0,0
2602	6	[illegible]	+284,66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0,0
2603	[illegible]	2.39.21,76	+285,44	[illegible]	[illegible]	104.16.55,6	[illegible]	[illegible]	[illegible]
2604	7	[illegible]	[illegible]	+0,38	[illegible]	104. 8.23,6	[illegible]	[illegible]	+28,0
2605	[illegible]	[illegible]	+275,10	+0,40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2606	6	[illegible]	[illegible]	+0,41	+0,77	104.33.11,9	[illegible]	+37,7	[illegible]
2607	6	5.18.55,46	[illegible]	+0,32	−0,30	[illegible]	[illegible]	[illegible]	−0,6
2608	[illegible]	[illegible]	+271,88	[illegible]	[illegible]	[illegible]	[illegible]	+39,6	+0,1
2609	3,7	5.51.51,02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2610	[illegible]	6. 1.37,80	+271,63	[illegible]	−0,15	[illegible]	+14,4	[illegible]	[illegible]
2611	6,5	7.24.48,87	+274,38	[illegible]	−1,20	104.47. 8,2	−725,3	[illegible]	+26,0
2612	6,2	7.40.53,14	[illegible]	[illegible]	[illegible]	104.26.51,9	+854,5	+36,1	[illegible]
2613	[illegible]	7.41.20,58	+276,40	−0,04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2614	6	7.47.42,69	[illegible]	[illegible]	[illegible]	104.35.20,8	+908,1	+35,6	−0,3
2615	7	[illegible]	[illegible]	0,00	[illegible]	104.44. 7,1	[illegible]	+28,1	+23,0
2616	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	104.22.38,7	[illegible]	−22,5	[illegible]
2617	7	[illegible]	[illegible]	[illegible]	[illegible]	104.49.23,9	[illegible]	+10,3	[illegible]
2618	[illegible]	11.14.20,43	[illegible]	[illegible]	[illegible]	104.14.14,3	+1965,0	[illegible]	−19,5
2619	6	[illegible]	[illegible]	[illegible]	−0,52	[illegible]	+1860,8	−18,1	0,0
2620	7	[illegible]	+327,17	[illegible]	−1,33	104.23.15,5	[illegible]	−28,3	[illegible]
2621	6,8	15.17.27,05	[illegible]	+1,42	−0,05	104.46.37,8	[illegible]	[illegible]	−0,3
2622	[illegible]	[illegible]	+334,56	+1,36	[illegible]	104.27.21,4	[illegible]	−39,3	−0,6
2623	[illegible]	18.23.29,99	[illegible]	0,06	+0,21	104.37.47,2	[illegible]	[illegible]	[illegible]
2624	6,8	18.24. 4,56	+342,01	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−4,5
2625	[illegible]	[illegible]	+342,69	−0,09	[illegible]	104.56.16,5	−235,8	[illegible]	−2,0
2626	5,8	18.27.56,17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−49,5	[illegible]
2627	7	[illegible]	[illegible]	[illegible]	[illegible]	104.33.51,7	[illegible]	[illegible]	+22,5
2628	[illegible]	[illegible]	+327,58	−1,14	[illegible]	104.29.37,5	−1623,0	[illegible]	+31,0
2629	6	21.37.37,06	+327,91	−1,17	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2630	[illegible]	[illegible]	+325,43	[illegible]	[illegible]	[illegible]	[illegible]	−25,5	−0,1
2631	4,3	[illegible]	+324,26	−1,11	+0,22	[illegible]	[illegible]	[illegible]	[illegible]
2632	[illegible]	[illegible]	[illegible]	[illegible]	−0,05	104.41.11,7	−1766,6	−21,7	+3,5
2633	6,0	22.19. 5,65	[illegible]	−1,06	[illegible]	[illegible]	−1813,9	−19,3	[illegible]
2634	[illegible]	22.42.24,16	[illegible]	[illegible]	[illegible]	104.35. 1,4	[illegible]	−14,7	[illegible]
2635	[illegible]	22.44.17,90	[illegible]	−0,98	−0,08	104. 7.13,4	−1896,3	[illegible]	+3,3
2636	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	104. 0.11,7	−1964,8	−9,1	[illegible]
2637	[illegible]	[illegible]	[illegible]	−0,76	+0,24	104.46.29,9	[illegible]	−4,3	[illegible]
2638	[illegible]	0.24.47,77	+303,29	−0,47	[illegible]	105.24.58,2	[illegible]	[illegible]	[illegible]
2639	5,6	1.20.42,08	[illegible]	[illegible]	[illegible]	105. 7. 8,0	[illegible]	[illegible]	−0,7
2640	5,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1848,8	[illegible]	−1,6
2641	6	1.58. 9,58	+288,64	+0,11	[illegible]	[illegible]	[illegible]	+21,4	0,0
2642	4,8	2.27.20,81	+284,74	[illegible]	[illegible]	[illegible]	[illegible]	+25,5	[illegible]
2643	[illegible]	6.59.14,07	+271,44	+0,04	+0,03	105.29. 7,5	[illegible]	+38,1	+1,0
2644	[illegible]	8. 8.44,19	+275,89	−0,04	−0,09	105.29.12,6	+1067,8	+33,6	[illegible]
2645	[illegible]	8.12.47,97	+275,25	[illegible]	−0,08	105.58.31,3	[illegible]	[illegible]	[illegible]
2646	5,5	[illegible]	+278,41	[illegible]	0,00	105.35. 1,6	[illegible]	+31,0	[illegible]
2647	[illegible]	8.54. 2,42	[illegible]	[illegible]	[illegible]	105.45. 3,6	+1380,6	+29,2	[illegible]
2648	6,5	[illegible]	[illegible]	−0,07	[illegible]	105.11.27,7	[illegible]	+26,5	[illegible]
2649	6	9.25.38,36	[illegible]	[illegible]	[illegible]	105. 8.13,7	[illegible]	[illegible]	[illegible]

N°	Grandeur	1. Point O	Précession	Variation séculaire	Mouvement propre	2. Point O	Précession	Variation séculaire	Mouvement propre
2650	6	[illegible]	+292.97	[illegible]	[illegible]	105.[illegible]	[illegible]	[illegible]	[illegible]
2651	[illegible]	[illegible]	+295.13	−0.54	[illegible]	[illegible]	[illegible]	[illegible]	21,1
2652	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	105.57.31,2	[illegible]	[illegible]	14,9
2653	5	[illegible]	[illegible]	−1.15	[illegible]	105.38.32,3	[illegible]	[illegible]	[illegible]
2654	5	[illegible]	[illegible]	[illegible]	− 0,40	105.39.32,6	[illegible]	[illegible]	[illegible]
2655	[illegible]	[illegible]	−320.24	[illegible]	[illegible]	[illegible]	−1877,8	[illegible]	[illegible]
2656	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	105.40.34.1	[illegible]	−20.5	1.1
2657	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	105.15.54,0	−1816.5	[illegible]	[illegible]
2658	[illegible]	[illegible]	[illegible]	[illegible]	− 0,05	105.49.46.4	−1712.5	− 25,0	0,5
2659	[illegible]	[illegible]	[illegible]	[illegible]	− 0,28	[illegible]	−1533,5	[illegible]	0,6
2660	5.3	[illegible]	[illegible]	−1.55	[illegible]	[illegible]	−1506.3	−32.4	[illegible]
2661	[illegible]	[illegible]	[illegible]	[illegible]	− 0,78	[illegible]	[illegible]	[illegible]	7,6
2662	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1411,5	[illegible]	[illegible]
2663	[illegible]	[illegible]	[illegible]	+1.45	− 0,07	105.11.16.4	[illegible]	[illegible]	3,8
2664	[illegible]	[illegible]	+337.20	[illegible]	[illegible]	105.21.15,0	[illegible]	[illegible]	6,3
2665	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2666	3.7	[illegible]	[illegible]	−0,46	[illegible]	105.20. 8,0	[illegible]	[illegible]	− 6,0
2667	[illegible]	[illegible]	[illegible]	+0.03	+ 0,00	105.52.21.1	− 125.8	[illegible]	[illegible]
2668	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2669	[illegible]	19.13.17.96	−342.97	[illegible]	− 0.80	105.42.38.7	[illegible]	[illegible]	− 30,0
2670	[illegible]	19.37.51.35	[illegible]	[illegible]	[illegible]	105.42. 7.7	[illegible]	[illegible]	[illegible]
2671	5.0	[illegible]	[illegible]	−0.84	[illegible]	105.45.24.1	[illegible]	[illegible]	− 8,1
2672	[illegible]	20.15. 9.44	[illegible]	−0,96	[illegible]	[illegible]	[illegible]	− 40,5	[illegible]
2673	[illegible]	20.15.23.64	[illegible]	[illegible]	[illegible]	105. 5.50,0	[illegible]	[illegible]	0,7
2674	[illegible]	[illegible]	−335.92	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1.2
2675	5.5	[illegible]	[illegible]	[illegible]	[illegible]	105.35.14,0	[illegible]	[illegible]	[illegible]
2676	5.8	21.38.33.36	−328.30	[illegible]	[illegible]	105.12.28.3	[illegible]	[illegible]	[illegible]
2677	6.8	22.24.55.84	[illegible]	[illegible]	[illegible]	[illegible]	1835,2	[illegible]	3.9
2678	[illegible]	[illegible]	[illegible]	[illegible]	− 0.63	[illegible]	[illegible]	— 3,6	[illegible]
2679	5.5	[illegible]	+306.23	[illegible]	[illegible]	[illegible]	[illegible]	− 1.6	[illegible]
2680	[illegible]	[illegible]	−292.39	0,08	[illegible]	[illegible]	[illegible]	[illegible]	0,7
2681	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−17.1	85,8
2682	6	[illegible]	[illegible]	−0,39	− 0.03	106.30.53.0	652.5	[illegible]	5.8
2683	3,3	5. 8.26.37	[illegible]	+0.33	− 0,27	106.19.25.5	[illegible]	− 38.5	2,8
2684	[illegible]	6. 0.31.27	−267.73	[illegible]	[illegible]	106.28.39.2	− 4.6	− 39.0	1.0
2685	1,4	[illegible]	[illegible]	—0.07	[illegible]	106.34.41.1	− 354.5	[illegible]	[illegible]
2686	[illegible]	[illegible]	−267.60	[illegible]	− 0.05	106.55.27.8	[illegible]	[illegible]	[illegible]
2687	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	106.58.22.3	[illegible]	[illegible]	10,8
2688	[illegible]	[illegible]	+285.44	−0,27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2689	4.1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2690	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1864,7	− 15.0	[illegible]
2691	[illegible]	11.50.55.06	[illegible]	[illegible]	[illegible]	106.35.38.8	−2003.6	− 1.0	1,6
2692	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	106.59.11.7	[illegible]	[illegible]	1,7
2693	[illegible]	15. 1.13.97	[illegible]	[illegible]	— 0,78	106. 5.49,6	[illegible]	−35.2	[illegible]
2694	6,0	[illegible]	[illegible]	[illegible]	[illegible]	106.22. 1,5	[illegible]	38.6	[illegible]
2695	[illegible]	15.25. 1.77	[illegible]	[illegible]	— 0.06	106.15.59.5	[illegible]	38.9	1.0
2696	[illegible]	[illegible]	[illegible]	[illegible]	— 0.28	106.30.49.8	[illegible]	−39.2	[illegible]
2697	[illegible]	[illegible]	−340.36	[illegible]	+ 0.56	106.26. 9.7	[illegible]	[illegible]	[illegible]
2698	5.6	[illegible]	[illegible]	[illegible]	− 4.35	[illegible]	[illegible]	[illegible]	[illegible]
2699	4,4	[illegible]	[illegible]	+1.09	[illegible]	106.23.40.7	[illegible]	−46.1	− 2.8
2700	[illegible]	[illegible]	[illegible]	−0.33	[illegible]	[illegible]	[illegible]	[illegible]	16.8
2701	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	106. 8.33,9	— 652,9	[illegible]	[illegible]
2702	5.5	[illegible]	[illegible]	−0.74	+ 0,46	106 31.21.4	[illegible]	[illegible]	4.7

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2703	5,0	[illegible]	[illegible]	−0,76	+0,41	[illegible]	−821,8	[illegible]	1,5
2704	[illegible]	[illegible]	[illegible]	[illegible]	−0,80	106.28.48,1	[illegible]	−38,0	−8,0
2705	[illegible]	20.52. 4,72	[illegible]	[illegible]	−0,15	106.24.58,6	[illegible]	−35,0	[illegible]
2706	[illegible]	[illegible]	[illegible]	−1,18	0,70	[illegible]	−1428,0	[illegible]	+21,0
2707	[illegible]	[illegible]	[illegible]	[illegible]	0,30	106.38.28,5	[illegible]	−29,7	+15,0
2708	[illegible]	[illegible]	[illegible]	[illegible]	1,76	106.34.52,1	−1649,7	−26,9	[illegible]
2709	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	106.18.17,8	[illegible]	[illegible]	+40,0
2710	3,5	22.49.20,63	[illegible]	[illegible]	0,34	106.21. 9,6	[illegible]	−13,3	+2,6
2711	6	22.49.27,94	[illegible]	[illegible]	[illegible]	106.48. 7,8	[illegible]	[illegible]	[illegible]
2712	[illegible]	23.53.12,50	+308,44	−0,74	+0,38	[illegible]	−2004,4	−0,6	0,8
2713	[illegible]	0.20.19,61	+303,43	[illegible]	[illegible]	107.58.48,8	[illegible]	[illegible]	+4,2
2714	6	[illegible]	[illegible]	[illegible]	[illegible]	107.25.15,0	−1786,8	+19,8	0,0
2715	5	3.31.43,96	[illegible]	[illegible]	[illegible]	107.47.52,7	[illegible]	[illegible]	+0,1
2716	5,5	[illegible]	+268,39	[illegible]	0,90	[illegible]	−660,2	+37,1	18,0
2717	[illegible]	[illegible]	[illegible]	[illegible]	0,03	107.53.37,7	[illegible]	+38,3	0,0
2718	[illegible]	6.18.17,75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+38,3	0,4
2719	[illegible]	10.46.12,35	+293,68	[illegible]	[illegible]	[illegible]	[illegible]	+13,0	4,8
2720	[illegible]	[illegible]	[illegible]	[illegible]	3,27	107.45.58,8	+1924,4	[illegible]	−10,8
2721	[illegible]	[illegible]	[illegible]	+0,83	[illegible]	107. 8. 4,8	[illegible]	+6,8	+0,6
2722	[illegible]	[illegible]	[illegible]	+1,01	+0,18	[illegible]	[illegible]	+3,1	[illegible]
2723	4,8	13.13.10,35	+320,67	[illegible]	[illegible]	107.45.17,8	+1903,4	−14,8	[illegible]
2724	6	13.41.58,74	[illegible]	[illegible]	[illegible]	[illegible]	+1810,0	−21,1	[illegible]
2725	[illegible]	13.44.26,19	[illegible]	+1,65	0,77	107.38. 9,7	[illegible]	−21,6	+4,0
2726	5,5	[illegible]	[illegible]	+1,70	0,27	[illegible]	[illegible]	−26,0	1,5
2727	[illegible]	[illegible]	[illegible]	+1,65	0,76	107.22.26,9	[illegible]	[illegible]	12,0
2728	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	107.56.35,8	+1500,4	−33,1	[illegible]
2729	[illegible]	[illegible]	[illegible]	[illegible]	0,33	107.23.42,2	[illegible]	[illegible]	[illegible]
2730	[illegible]	15.15.13,21	[illegible]	+1,58	[illegible]	107.47.43,7	+1320,7	[illegible]	6,1
2731	[illegible]	[illegible]	[illegible]	+1,33	[illegible]	107.58.18,0	[illegible]	−44,2	[illegible]
2732	[illegible]	16.35.47,30	+346,68	+1,03	[illegible]	107.32.55,0	+720,1	−47,4	0,4
2733	[illegible]	[illegible]	[illegible]	+0,50	0,00	107.25.26,1	+286,4	−50,0	[illegible]
2734	6,3	20.55.14,09	+338,46	[illegible]	0,41	[illegible]	[illegible]	−35,1	1,2
2735	[illegible]	[illegible]	+337,22	[illegible]	[illegible]	107.37.49,2	[illegible]	[illegible]	[illegible]
2736	4,3	[illegible]	+334,38	[illegible]	[illegible]	107.15.37,7	[illegible]	−31,3	[illegible]
2737	3,8	[illegible]	+331,63	[illegible]	+1,29	107. 6.50,4	−1614,3	[illegible]	+1,8
2738	[illegible]	22.21. 8,32	+324,62	[illegible]	[illegible]	107.14.57,7	−1821,5	[illegible]	2,0
2739	6,3	[illegible]	+324,63	[illegible]	1,42	107.15. 3,3	[illegible]	[illegible]	0,0
2740	[illegible]	22.59.55,38	+318,28	[illegible]	0,71	107.37. 3,7	−1936,7	[illegible]	3,9
2741	4,6	23.58.37,05	[illegible]	[illegible]	[illegible]	107.53.33,8	−2004,7	[illegible]	[illegible]
2742	2,2	[illegible]	[illegible]	[illegible]	[illegible]	108.32. 7,4	[illegible]	[illegible]	4,2
2743	6,0	[illegible]	[illegible]	[illegible]	0,00	108.36.30,6	−1970,5	[illegible]	0,0
2744	6	[illegible]	[illegible]	[illegible]	[illegible]	108.15.10,0	−1718,7	[illegible]	[illegible]
2745	[illegible]	2.40.26,09	[illegible]	+0,18	[illegible]	108.59.44,6	−1533,8	+26,5	[illegible]
2746	6,5	6.32. 0,07	+262,77	[illegible]	[illegible]	108.34.40,0	[illegible]	[illegible]	[illegible]
2747	[illegible]	6.33.29,42	+263,91	[illegible]	[illegible]	[illegible]	+292,0	[illegible]	1,6
2748	[illegible]	[illegible]	[illegible]	+0,03	0,16	108.57. 7,9	+1037,0	[illegible]	[illegible]
2749	[illegible]	[illegible]	+273,51	+0,10	0,36	108.23.29,0	+1303,7	+30,0	0,7
2750	5,3	9.50. 9,22	+283,21	[illegible]	[illegible]	108.32. 8,3	+1692,0	[illegible]	+64,0
2751	[illegible]	[illegible]	+286,07	+0,40	+0,65	[illegible]	[illegible]	[illegible]	[illegible]
2752	6,5	[illegible]	[illegible]	[illegible]	1,30	108.39.23,2	+1770,1	[illegible]	+16,0
2753	5,5	[illegible]	+299,35	0,87	2,30	108.13.49,5	[illegible]	+7,5	[illegible]
2754	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	108.17.36,9	[illegible]	−11,0	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2755	[illegible]	13.26.39,16	[illegible]	[illegible]	[illegible]	108.12.48,1	+1863,1	[illegible]	[illegible]
2756	[illegible]	[illegible]	[illegible]	[illegible]	+0,57	[illegible]	+1198,6	−40,7	+7,8
2757	[illegible]	[illegible]	[illegible]	+1,29	−0,70	108.16.44,9	[illegible]	−45,0	[illegible]
2758	5,0	16.21.13,51	+347,27	+1,19	[illegible]	[illegible]	+837,7	−46,3	[illegible]
2759	6,5	[illegible]	[illegible]	[illegible]	[illegible]	108. 5.34,3	+570,2	[illegible]	[illegible]
2760	[illegible]	[illegible]	[illegible]	+0,88	[illegible]	108.44.18,4	+552,7	[illegible]	0,4
2761	6,5	[illegible]	[illegible]	+0,30	−0,08	108.47. 4,4	[illegible]	−51,0	+1,4
2762	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−51,1	+18,9
2763	3,9	19.15.52,40	[illegible]	−0,62	−0,33	108. 2. 8,1	[illegible]	−47,8	[illegible]
2764	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	653,0	[illegible]	[illegible]
2765	[illegible]	20.21.35,88	[illegible]	[illegible]	[illegible]	108.32.22,2	[illegible]	[illegible]	[illegible]
2766	[illegible]	[illegible]	+342,76	[illegible]	[illegible]	108. 8.39,6	[illegible]	−40,0	[illegible]
2767	[illegible]	[illegible]	+342,92	[illegible]	[illegible]	108.12.12,7	[illegible]	−40,0	[illegible]
2768	6,5	[illegible]	+344,32	[illegible]	[illegible]	108.55. 3,1	[illegible]	[illegible]	[illegible]
2769	5,6	[illegible]	+344,31	[illegible]	[illegible]	[illegible]	−1179,8	[illegible]	7,7
2770	5,4	[illegible]	[illegible]	[illegible]	−0,18	[illegible]	[illegible]	−38,4	[illegible]
2771	6,0	[illegible]	[illegible]	[illegible]	−0,58	108.18. 8,0	[illegible]	36,2	+0,3
2772	5,4	[illegible]	[illegible]	[illegible]	[illegible]	108.24.15,5	−1492,2	−32,3	[illegible]
2773	6,4	21.56.41,58	[illegible]	−1,40	[illegible]	108.23. 0,8	[illegible]	−24,0	[illegible]
2774	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	108.22.16,2	−1994,8	[illegible]	[illegible]
2775	5,3	[illegible]	[illegible]	−0,98	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2776	[illegible]	[illegible]	+305,50	[illegible]	−0,33	[illegible]	[illegible]	[illegible]	+6,2
2777	[illegible]	[illegible]	[illegible]	[illegible]	0,00	109.36.21,9	−2002,2	[illegible]	0,0
2778	[illegible]	1.17.39,56	[illegible]	[illegible]	[illegible]	109.36. 9,3	−1891,2	[illegible]	[illegible]
2779	7	[illegible]	[illegible]	+0,37	[illegible]	[illegible]	−1154,5	−32,5	−18,4
2780	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	109.51.47,9	[illegible]	−36,0	+8,6
2781	[illegible]	[illegible]	+261,31	+0,36	[illegible]	109.31.55,0	[illegible]	[illegible]	[illegible]
2782	[illegible]	[illegible]	+260,84	[illegible]	[illegible]	[illegible]	[illegible]	−38,0	[illegible]
2783	[illegible]	6.32.19,31	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+4,1
2784	[illegible]	[illegible]	+269,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1,1
2785	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	109.20.20,3	[illegible]	+26,9	−6,3
2786	7	10. 3.37,65	[illegible]	[illegible]	−1,00	[illegible]	−1752,2	[illegible]	+35,0
2787	[illegible]	[illegible]	[illegible]	+0,72	[illegible]	[illegible]	[illegible]	[illegible]	+22,0
2788	[illegible]	[illegible]	[illegible]	+1,56	[illegible]	109.24.19,7	[illegible]	[illegible]	−17,0
2789	[illegible]	13.10.34,21	[illegible]	+1,62	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2790	[illegible]	15. 6.31,17	[illegible]	[illegible]	[illegible]	109.24.48,2	[illegible]	−36,7	+5,3
2791	6,5	[illegible]	[illegible]	−1,70	[illegible]	[illegible]	[illegible]	36,8	2,2
2792	[illegible]	15.36.11,00	[illegible]	[illegible]	−0,35	109.21.16,2	[illegible]	[illegible]	[illegible]
2793	5,0	15.47.31,65	+347,68	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+4,6
2794	[illegible]	[illegible]	[illegible]	−1,41	[illegible]	109.31.54,3	[illegible]	[illegible]	2,8
2795	[illegible]	[illegible]	+348,29	[illegible]	−0,26	[illegible]	−1005,4	[illegible]	[illegible]
2796	[illegible]	16. 6.10,89	[illegible]	[illegible]	[illegible]	[illegible]	−955,2	−45,0	[illegible]
2797	[illegible]	[illegible]	+350,74	+1,27	[illegible]	109.48.12,5	−861,2	[illegible]	[illegible]
2798	5,7	16.36. 0,84	[illegible]	+1,11	[illegible]	109.43.58,2	[illegible]	48,1	4,4
2799	[illegible]	[illegible]	+352,99	+0,70	[illegible]	[illegible]	393,7	[illegible]	+13,6
2800	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−49,4	[illegible]
2801	5,0	19.11.47,07	[illegible]	[illegible]	[illegible]	109. 7.51,3	[illegible]	[illegible]	[illegible]
2802	[illegible]	[illegible]	+349,13	[illegible]	[illegible]	109.17.56,5	[illegible]	−45,2	[illegible]
2803	5,6	[illegible]	+346,64	−1,15	−0,13	[illegible]	[illegible]	[illegible]	−0,8
2804	6,2	[illegible]	[illegible]	[illegible]	[illegible]	109.25.23,6	[illegible]	[illegible]	+1,0
2805	[illegible]	21.31.28,87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29,0	0,3
2806	[illegible]	[illegible]	[illegible]	[illegible]	+0,94	[illegible]	−1627,3	−28,0	[illegible]
2807	5,8	[illegible]	+329,69	[illegible]	[illegible]	109. 0.33,8	[illegible]	−22,8	[illegible]

Nos	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	𝔓 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ' "	"	"	"
2808	5	[illegible]	[illegible]	[illegible]	−0,29	109.21.16,0	−1878,9	−15,8	[illegible]
2809	[illegible]	23.40.49,10	[illegible]	−0,98	+0,50	109.14. 2,8	[illegible]	[illegible]	− 0,5
2810	[illegible]	[illegible]	[illegible]	−0,97	[illegible]	109.27.55,0	[illegible]	[illegible]	− 0,2
2811	[illegible]	[illegible]	+302,08	[illegible]	[illegible]	110.55. 6,9	−1994,8	+ 5,0	[illegible]
2812	[illegible]	[illegible]	[illegible]	+0,05	0,00	[illegible]	−1659,6	[illegible]	0,0
2813	[illegible]	4.16.17,23	+261,41	[illegible]	−0,20	110.52.40,5	[illegible]	+35,0	[illegible]
2814	[illegible]	[illegible]	[illegible]	+0,35	0,00	[illegible]	[illegible]	+36,7	0,0
2815	[illegible]	[illegible]	[illegible]	+0,28	0,00	[illegible]	− 313,9	+37,1	+ 8,9
2816	6	[illegible]	+256,66	+0,29	[illegible]	[illegible]	[illegible]	+37,2	+ 4,0
2817	[illegible]	[illegible]	+256,32	[illegible]	[illegible]	[illegible]	[illegible]	+37,8	[illegible]
2818	[illegible]	[illegible]	+259,47	[illegible]	−0,26	110. 6. 1,7	[illegible]	+36,8	[illegible]
2819	5	[illegible]	[illegible]	+0,09	[illegible]	[illegible]	+ 445,0	+36,8	− 3,5
2820	5,2	9.28.36,22	[illegible]	[illegible]	−0,18	[illegible]	+1583,4	+24,0	[illegible]
2821	5,6	12.58.24,65	[illegible]	[illegible]	−0,85	110. 2.46,7	+1940,6	−12,0	[illegible]
2822	[illegible]	14.29.13,00	+336,75	+1,80	[illegible]	[illegible]	[illegible]	[illegible]	1,1
2823	6,4	14.41.32,42	+340,36	[illegible]	[illegible]	110.54.19,2	+1527,4	−33,0	0,0
2824	[illegible]	14.51.37,50	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−36,1	+179,4
2825	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−44,7	+ 2,0
2826	[illegible]	[illegible]	[illegible]	+1,44	+0,10	[illegible]	[illegible]	−44,8	[illegible]
2827	5	[illegible]	[illegible]	+0,06	−0,18	110.45.28,3	[illegible]	[illegible]	[illegible]
2828	6,2	[illegible]	[illegible]	[illegible]	−0,18	110.25. 3,8	[illegible]	[illegible]	[illegible]
2829	[illegible]	18.19.23,62	[illegible]	[illegible]	[illegible]	110.35.42,3	− 169,5	[illegible]	+ 0,4
2830	[illegible]	[illegible]	[illegible]	−0,35	−0,17	110.26.18,9	[illegible]	−50,9	− 4,3
2831	[illegible]	18.51.23,79	[illegible]	−0,44	[illegible]	110.47.13,5	[illegible]	[illegible]	+ 1,5
2832	[illegible]	[illegible]	+354,69	[illegible]	+0,34	110.59.47,9	− 764,8	−47,6	+ 16,4
2833	[illegible]	19.40.31,76	+351,28	[illegible]	−0,99	[illegible]	[illegible]	[illegible]	[illegible]
2834	[illegible]	20.58.42,90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 4,7
2835	6,2	21. 3.50,00	[illegible]	[illegible]	+0,70	110.57.29,2	[illegible]	[illegible]	[illegible]
2836	[illegible]	21.29.14,12	[illegible]	[illegible]	−0,26	110.31.49,0	−1586,8	29,6	− 3,3
2837	[illegible]	[illegible]	[illegible]	[illegible]	−1,80	110. 8. 6,3	[illegible]	−15,5	[illegible]
2838	[illegible]	23.17.43,15	[illegible]	[illegible]	−0,99	110.38.47,7	−1970,7	− 7,6	[illegible]
2839	7	[illegible]	[illegible]	[illegible]	−0,71	[illegible]	−2003,9	+ 2,7	[illegible]
2840	6	[illegible]	+285,95	[illegible]	0,00	[illegible]	−1838,7	+17,4	[illegible]
2841	6,5	1.55. 3,73	+282,17	[illegible]	−0,19	[illegible]	−1757,8	[illegible]	[illegible]
2842	[illegible]	1.55.17,58	+281,77	[illegible]	+0,82	111.33.44,3	−1756,3	+20,7	+ 0,8
2843	6,5	[illegible]	[illegible]	[illegible]	[illegible]	111.28.11,4	[illegible]	+22,3	0,0
2844	[illegible]	2.46.30,10	[illegible]	[illegible]	−0,44	111.24.57,7	[illegible]	+26,9	[illegible]
2845	[illegible]	3.29.22,18	+264,56	+0,30	[illegible]	[illegible]	[illegible]	+31,1	[illegible]
2846	[illegible]	9.22.43,84	[illegible]	+0,27	+1,60	111.54.18,7	[illegible]	[illegible]	+ 15,0
2847	6,5	[illegible]	[illegible]	[illegible]	−0,76	[illegible]	+2000,9	− 4,0	[illegible]
2848	[illegible]	12.15.22,74	[illegible]	[illegible]	[illegible]	[illegible]	+2000,7	− 3,8	+ 3,5
2849	[illegible]	13. 4.18,63	+321,96	[illegible]	+1,20	111.39. 0,4	+1926,8	[illegible]	+ 36,0
2850	[illegible]	16.26.12,37	[illegible]	[illegible]	−0,01	[illegible]	+ 797,9	−47,8	[illegible]
2851	[illegible]	[illegible]	+357,96	+0,90	+1,20	111.25.32,5	[illegible]	[illegible]	[illegible]
2852	[illegible]	[illegible]	[illegible]	[illegible]	+1,60	[illegible]	+ 391,2	[illegible]	[illegible]
2853	6,5	17.29.17,48	+360,73	+0,56	−0,28	111.58.35,1	+ 268,0	−52,2	[illegible]
2854	[illegible]	17.32.44,25	[illegible]	+0,52	[illegible]	[illegible]	[illegible]	[illegible]	+ 3,5
2855	[illegible]	[illegible]	+360,03	+0,46	−0,71	111.38. 4,3	+ 197,2	−52,3	[illegible]
2856	4,0	[illegible]	+358,73	[illegible]	−0,04	111. 5. 6,1	− 68,1	−52,2	[illegible]
2857	6	[illegible]	+358,41	−0,20	[illegible]	111. 8. 5,2	[illegible]	−51,7	[illegible]
2858	6	[illegible]	+358,73	[illegible]	[illegible]	111.28.55,3	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	Ꝺ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2859	[illegible]	18.[illegible]	[illegible]57,85	−0,[illegible]6	[illegible]	111.[illegible]	[illegible]	[illegible]	[illegible]
2860	4	18.58.[illegible]	[illegible]	[illegible]	[illegible]	111.[illegible]	[illegible]	−50,5	[illegible]
2861	3,0	19. [illegible]	[illegible]	[illegible]	[illegible]	111.10.57,4	[illegible]	[illegible]	− 3,6
2862	5,5	19.[illegible]	[illegible]	−0,80	[illegible]	111.[illegible]	[illegible]	−48,8	[illegible]
2863	5,8	20.[illegible]	+348,33	−1,55	[illegible]	111.[illegible]	[illegible]	[illegible]	[illegible]
2864	5,3	21. 2.49,82	[illegible]	[illegible]	[illegible]	111.35.44,0	[illegible]	[illegible]	+ 5,3
2865	[illegible]	21. [illegible]	[illegible]42,07	[illegible]	− 0,16	111. 4. 0,7	−1478,0	−33,2	[illegible]
2866	6	21.18.29,32	[illegible]	[illegible]	[illegible]	111.16.37,6	−1527,6	[illegible]	[illegible]
2867	6,0	21.[illegible]	[illegible]	−1,58	− 0,36	111.[illegible]	[illegible]	−31,2	[illegible]
2868	6,5	21.[illegible]	+335,18	[illegible]	+ 0,07	111.[illegible]	[illegible]705,9	[illegible]	− 0,5
2869	[illegible]	22. 8.46,58	[illegible]	−1,57	[illegible]	111.34.17,8	[illegible]	−21,9	− 6,8
2870	5,3	22.29.13,44	+327,25	[illegible]	[illegible]	111.13.14,1	[illegible]	[illegible]	[illegible]
2871	6,5	22.57.23,89	[illegible]	[illegible]	0,70	111.24.[illegible]	[illegible]	−12,4	[illegible]
2872	3,8	23. 4. 6,93	[illegible]	[illegible]	[illegible]	111.42.55,2	−1945,4	[illegible]	[illegible]
2873	[illegible]	23.20.47,57	+316,09	[illegible]	[illegible]	111.[illegible]	[illegible]	[illegible]	[illegible]
2874	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	111.[illegible]	[illegible]	[illegible]	[illegible]
2875	5	[illegible]	+297,68	[illegible]	[illegible]	112.33.21,6	[illegible]	+ 8,3	0,0
2876	6	[illegible]	[illegible]	[illegible]	0,00	112.16. 4,7	[illegible]	+ 8,9	0,0
2877	[illegible]	1.24.48,32	+287,60	−0,35	[illegible]	112. 8.[illegible]	−1869,5	[illegible]	[illegible]
2878	6	[illegible]	+269,50	[illegible]	0,00	112.[illegible]	[illegible]	+27,0	0,0
2879	5	3.13.56,87	+265,04	−0,25	[illegible]	112.52.35,5	[illegible]	+29,5	− 0,8
2880	4,3	[illegible]	[illegible]	[illegible]	[illegible]	112. 7.18,7	[illegible]	[illegible]	[illegible]
2881	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	112.30.19,1	− 508,5	+36,0	+ 6,4
2882	[illegible]	[illegible]	+252,21	+0,26	− 2,40	[illegible]	[illegible]	−36,7	[illegible]
2883	3,8	[illegible]	[illegible]	[illegible]	[illegible]	112.28.50,3	[illegible]	+36,1	+35,3
2884	6	[illegible]	+251,52	+0,18	+ 0,70	[illegible]	[illegible]	+36,6	+26,0
2885	4,5	[illegible]	[illegible]	[illegible]	+ 0,22	112.53. 6,2	[illegible]	+36,2	− 3,5
2886	6	6.51.34,42	[illegible]	[illegible]	− 0,05	[illegible]	+ 448,4	[illegible]	+ 2,5
2887	4,5	7.29.46,32	+257,16	[illegible]	[illegible]	[illegible]	[illegible]	+34,0	[illegible]
2888	6,3	7.42.54,69	+257,95	[illegible]	[illegible]	[illegible]	+ 870,5	+33,6	[illegible]
2889	5	7.52.33,50	+258,17	[illegible]	[illegible]	[illegible]	[illegible]	+32,8	2,8
2890	6	8.34.45,29	[illegible]	[illegible]	[illegible]	[illegible]	+1253,5	[illegible]	38,0
2891	6,5	10.30.12,08	[illegible]	+0,73	− 0,80	[illegible]	+1853,2	[illegible]	[illegible]
2892	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	112.16.47,8	+1950,8	[illegible]	+10,6
2893	3,2	12. 4.58,84	+308,41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2894	3,0	[illegible]	[illegible]	+1,65	− 0,08	[illegible]	+1988,5	[illegible]	[illegible]
2895	5,6	[illegible]	[illegible]	+1,83	[illegible]	112.35. 0,1	[illegible]	−13,6	[illegible]
2896	3,3	[illegible]	[illegible]	[illegible]	[illegible]	112.38.38,1	+1902,5	−15,8	[illegible]
2897	5,8	15.10.35,16	[illegible]	+1,80	− 0,50	112. 1.46,3	[illegible]	−38,0	+ 2,0
2898	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1044,3	[illegible]	+ 3,5
2899	5,6	[illegible]	[illegible]	+1,05	[illegible]	[illegible]	[illegible]	[illegible]	0,0
2900	5,6	18.[illegible]	+361,78	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
2900	[illegible]	18.44.49,80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−51,3	[illegible]
2901	5	[illegible]	[illegible]	−0,46	− 0,28	[illegible]	[illegible]	−51,6	[illegible]
2902	[illegible]	18.49. 4,36	[illegible]36[illegible],16	−0,46	− 0,50	112.47.46,6	[illegible]	−51,5	[illegible]
2903	[illegible]	19.57.48,76	+356,38	[illegible]	[illegible]	[illegible]	[illegible]	−44,9	− 4,1
2904	6,0	20.12. 8,92	[illegible]	[illegible]	+ 0,12	112. 7. 7,8	[illegible]	−42,7	+ 3,3
2905	6,2	[illegible]	+352,61	[illegible]	− 0,15	112.43.24,1	−1176,2	−41,2	[illegible]
2906	[illegible]	[illegible]	+343,24	[illegible]	[illegible]	112.50.40,2	−1541,1	[illegible]	[illegible]
2907	[illegible]	21.23. 1,34	[illegible]	[illegible]	+ 0,91	112.14.34,3	[illegible]	−31,0	[illegible]
2908	5,6	[illegible]	+331,04	[illegible]	+ 0,20	112. 5.57,2	[illegible]	[illegible]	+ 3,0
2909	5,6	[illegible]	[illegible]	−1,47	[illegible]	112.59.57,8	−1946,9	−10,5	+ 0,9
2910	[illegible]	[illegible]	[illegible]	−1,30	[illegible]	[illegible]	[illegible]	− 8,0	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2911	[illegible]	[illegible]	+306,83	−1,11	0,00	[illegible]	[illegible]	− 1,1	0,0
2912	[illegible]	[illegible]	+306,60	−1,07	0,00	[illegible]	[illegible]	[illegible]	0,0
2913	[illegible]	0.31. 8,39	[illegible]	−0,86	0,00	113.23.29,3	[illegible]	[illegible]	0,0
2914	6,5	[illegible]	+297,08	[illegible]	[illegible]	[illegible]	−1972,9	+ 8,5	− 0,6
2915	5	1.51.59,20	[illegible]	[illegible]	[illegible]	113. 0.53,8	[illegible]	+20,0	[illegible]
2916	5,6	[illegible]	[illegible]	+0,24	0,00	[illegible]	[illegible]	[illegible]	0,0
2917	[illegible]	[illegible]	+259,16	[illegible]	[illegible]	113.32.40,4	[illegible]	+31,4	[illegible]
2918	7	[illegible]	+258,47	+0,32	[illegible]	[illegible]	[illegible]	[illegible]	+29,8
2919	5,4	[illegible]	[illegible]	−0,20	0,00	113. 5.56,8	+ 20,6	+36,0	0,0
2920	[illegible]	[illegible]	[illegible]	[illegible]	− 0,63	[illegible]	[illegible]	+36,1	− 0,7
2921	3,0	6.58.50,94	+250,53	[illegible]	[illegible]	113.41.13,3	[illegible]	+35,1	[illegible]
2922	5,2	[illegible]	[illegible]	+0,08	[illegible]	[illegible]	[illegible]	+32,5	− 2,0
2923	6	[illegible]	[illegible]	+0,41	[illegible]	[illegible]	[illegible]	+22,6	−24,6
2924	[illegible]	[illegible]	+277,72	+0,60	[illegible]	113.48. 5,3	[illegible]	+20,0	[illegible]
2925	[illegible]	[illegible]	[illegible]	+0,70	[illegible]	113.13.46,8	+1850,1	+15,0	− 3,0
2926	6,5	[illegible]	[illegible]	[illegible]	+ 0,70	[illegible]	+2005,1	− 1,3	[illegible]
2927	[illegible]	12. 5.54,82	+308,74	+1,50	− 0,50	113. 2.42,9	+2004,5	− 1,9	+ 0,2
2928	[illegible]	13.45.49,88	+333,64	+2,05	[illegible]	113.53.14,2	[illegible]	[illegible]	+35,0
2929	[illegible]	[illegible]	+348,91	[illegible]	− 0,27	[illegible]	[illegible]	−36,5	+10,5
2930	5,2	15.34.22,03	+354,04	[illegible]	[illegible]	[illegible]	[illegible]	−42,0	+ 1,2
2931	[illegible]	15.47.58,60	+356,43	+1,70	− 0,31	[illegible]	+1092,3	−44,0	+ 1,7
2932	6,3	16. 2.45,28	[illegible]	+1,57	0,00	113.25. 7,0	[illegible]	[illegible]	0,0
2933	[illegible]	16.14.36,88	+360,43	+1,48	[illegible]	113.55.41,9	+ 889,9	−47,4	+ 2,5
2934	4,7	[illegible]	[illegible]	[illegible]	− 0,15	113.12.57,8	+ 850,5	−47,8	+ 0,8
2935	[illegible]	[illegible]	+365,38	[illegible]	+ 0,51	[illegible]	[illegible]	−52,3	+ 7,5
2936	4,9	17.25.18,80	+365,79	[illegible]	[illegible]	113.53. 6,8	+ 302,4	−52,8	+ 2,9
2937	[illegible]	[illegible]	+366,23	[illegible]	− 0,13	113.48.24,8	[illegible]	−53,4	[illegible]
2938	[illegible]	18. 5.37,11	+365,99	+0,10	[illegible]	113.43.17,8	[illegible]	−53,3	+ 6,0
2939	5,8	18.32.25,70	+365,06	−0,26	[illegible]	113.35.24,7	− 282,8	−52,6	[illegible]
2940	[illegible]	18.35.45,60	+365,86	−0,31	[illegible]	113.55.35,7	− 311,7	−52,6	[illegible]
2941	[illegible]	[illegible]	+360,99	[illegible]	− 0,29	113.39.18,6	[illegible]	−48,0	+ 4,6
2942	[illegible]	19.34. 6,47	+360,97	[illegible]	[illegible]	113.39.27,7	− 800,4	−48,0	− 0,7
2943	[illegible]	21.36.19,08	[illegible]	−1,75	+ 0,48	113.42.55,1	[illegible]	−28,7	[illegible]
2944	[illegible]	[illegible]	+300,58	[illegible]	[illegible]	[illegible]	[illegible]	+ 6,0	[illegible]
2945	6	[illegible]	+297,88	−0,98	+ 5,30	[illegible]	−1981,2	[illegible]	+32,0
2946	6	[illegible]	[illegible]	−0,82	0,00	[illegible]	[illegible]	[illegible]	0,0
2947	[illegible]	0.47.46,06	[illegible]	−0,78	0,00	[illegible]	−1961,8	[illegible]	0,0
2948	[illegible]	[illegible]	[illegible]	[illegible]	0,00	114.49. 4,3	[illegible]	+21,5	0,0
2949	[illegible]	2.17.57,98	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 7,7
2950	[illegible]	2.53.38,73	+266,36	[illegible]	+ 0,30	114. 0.29,9	[illegible]	[illegible]	− 6,3
2951	[illegible]	2.57.58,98	[illegible]	+0,17	[illegible]	114. 0.58,7	−1430,0	+27,5	+ 4,4
2952	5,0	3.43.21,61	+257,57	[illegible]	[illegible]	114.11. 4,3	[illegible]	+31,7	[illegible]
2953	[illegible]	3.49.27,29	[illegible]	[illegible]	[illegible]	114.54.29,1	−1081,4	[illegible]	+ 0,6
2954	[illegible]	3.55.39,62	+255,58	+0,32	[illegible]	114.17.59,9	[illegible]	[illegible]	− 2,0
2955	5,8	[illegible]	[illegible]	+0,30	[illegible]	114.40.40,1	[illegible]	+34,0	[illegible]
2956	[illegible]	6.49.58,85	[illegible]	+0,11	− 0,31	[illegible]	[illegible]	+35,3	[illegible]
2957	[illegible]	7.14.30,50	[illegible]	[illegible]	[illegible]	[illegible]	+ 640,4	+34,3	[illegible]
2958	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	114.46.17,3	+ 640,9	[illegible]	[illegible]
2959	[illegible]	[illegible]	[illegible]	+0,08	− 0,30	[illegible]	[illegible]	+32,6	− 2,5
2960	[illegible]	[illegible]	+252,35	+0,08	[illegible]	[illegible]	+ 887,3	+32,6	[illegible]
2961	[illegible]	8. 3.17,11	[illegible]	+0,10	− 0,65	[illegible]	+1027,1	+31,5	− 5,2
2962	6,5	[illegible]	[illegible]	+1,31	[illegible]	114. 9.39,0	+1992,4	[illegible]	+27,2
2963	[illegible]	[illegible]	[illegible]	+1,55	[illegible]	114.10.15,1	[illegible]	[illegible]	+ 3,4

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	P 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
2964	6	12.18. 8,75	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−4,4	[illegible]
2965	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1766,8	−23,8	+4,5
2966	5.8	[illegible]	+336,42	[illegible]	[illegible]	114.31.19,7	+1760,1	[illegible]	+10,4
2967	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	114.21.10,0	+1647,1	[illegible]	[illegible]
2968	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	114.34.17,1	[illegible]	[illegible]	− 0,7
2969	[illegible]	14.48.31,49	[illegible]	[illegible]	[illegible]	114.13.59,6	[illegible]	−34,5	[illegible]
2970	[illegible]	[illegible]	[illegible]	+2,09	[illegible]	[illegible]	+1428,5	36,4	+ 4,8
2971	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	114.55.56,0	+1369,9	[illegible]	[illegible]
2972	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	114.14. 7,7	[illegible]	44,1	[illegible]
2973	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1087,4	−44,4	[illegible]
2974	[illegible]	[illegible]	[illegible]	+1,43	[illegible]	[illegible]	+ 814,6	48,8	− 0,1
2975	[illegible]	16.43.39,03	[illegible]	+1,18	[illegible]	[illegible]	+ 655,6	−50,5	[illegible]
2976	6,3	[illegible]	+366,87	+1,08	[illegible]	114.56.26,1	+ 570,8	51,5	+ 1,0
2977	[illegible]	[illegible]	[illegible]	+1,07	− 0,36	[illegible]	[illegible]	−51,5	+ 6,0
2978	[illegible]	17.11.54,60	[illegible]	[illegible]	[illegible]	114.10.29,8	[illegible]	52,3	[illegible]
2979	5,5	17.11.54,65	+365,96	+0,82	[illegible]	114.10.41,2	[illegible]	−52,3	[illegible]
2980	[illegible]	[illegible]	+367,89	[illegible]	[illegible]	[illegible]	+ 386,5	−52,8	[illegible]
2981	3,4	[illegible]	+368,12	[illegible]	[illegible]	114.53.59,1	+ 383,7	[illegible]	+ 3,6
2982	[illegible]	[illegible]	+366,07	+0,72	[illegible]	[illegible]	+ 345,9	52,6	+13,7
2983	6.6	[illegible]	[illegible]	+0,33	[illegible]	[illegible]	[illegible]	53,8	+ 2,0
2984	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	114.16.53,7	[illegible]	−53,6	[illegible]
2985	[illegible]	[illegible]	+367,80	+0,20	− 0,31	114.21.46,0	[illegible]	−53,6	[illegible]
2986	5,9	18.27.46,87	+366,64	[illegible]	[illegible]	[illegible]	− 242,5	−53,0	[illegible]
2987	6	[illegible]	[illegible]	−0,61	[illegible]	114.59. 5,3	− 488,0	−51,9	+17,9
2988	6,5	[illegible]	+365,01	−0,76	[illegible]	[illegible]	[illegible]	− 50,6	+10,7
2989	[illegible]	19.19.11,31	+365,13	[illegible]	+ 0,23	[illegible]	− 679,2	−49,9	+ 4,9
2990	5,9	[illegible]	+363,66	−0,87	[illegible]	114. 9.30,6	− 681,3	49,7	+ 0,1
2991	5,8	[illegible]	+364,70	[illegible]	− 0,07	[illegible]	− 767,0	−48,9	[illegible]
2992	[illegible]	[illegible]	+360,74	[illegible]	[illegible]	114.11.23,6	[illegible]	− 46,8	+45,0
2993	6,5	[illegible]	+354,12	[illegible]	+ 3,40	[illegible]	[illegible]	[illegible]	−41,0
2994	7	[illegible]	[illegible]	[illegible]	+ 1,30	114.27.47,7	[illegible]	[illegible]	[illegible]
2995	6,6	[illegible]	[illegible]	[illegible]	[illegible]	114. 9.28,8	[illegible]	− 37,8	[illegible]
2996	[illegible]	23. 1.18,48	[illegible]	[illegible]	[illegible]	114.17. 0,5	[illegible]	− 11,2	− 0,2
2997	6,4	23.48.10,58	[illegible]	−1,30	[illegible]	114.47. 7,4	−2002,6	− 2,0	+ 1,3
2998	[illegible]	[illegible]	+298,38	−1,04	[illegible]	115.19. 2,8	[illegible]	[illegible]	+ 0,3
2999	5,4	[illegible]	[illegible]	[illegible]	[illegible]	115.33. 8,0	1813,3	+18,3	+ 5,1
3000	[illegible]	2.51. 5,48	[illegible]	[illegible]	0,00	115.42.27,6	1471,9	+26,7	0,0
3001	6	[illegible]	[illegible]	+0,33	[illegible]	115.15.56,3	[illegible]	+33,2	0,0
3002	6,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+20,8
3003	5,4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	35,0	− 3,5
3004	6,5	[illegible]	[illegible]	[illegible]	− 0,13	115.46.29,7	[illegible]	34,0	− 1,0
3005	[illegible]	9.17. 3,81	+265,56	[illegible]	− 0,48	[illegible]	+1519,0	24,5	+ 3,2
3006	[illegible]	13.31.15,44	[illegible]	+2,20	[illegible]	115.59. 7,1	+1848,3	−19,5	[illegible]
3007	[illegible]	13.54.56,79	[illegible]	[illegible]	[illegible]	115.46.38,5	[illegible]	[illegible]	+18,0
3008	6	[illegible]	[illegible]	+2,16	[illegible]	115.21.50,8	[illegible]	−27,6	33,0
3009	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1535,0	−32,4	[illegible]
3010	5,8	14.41.33,42	+348,04	[illegible]	[illegible]	115.12.15,4	+1527,3	−33,0	[illegible]
3011	[illegible]	14.41.54,37	[illegible]	[illegible]	− 0,27	[illegible]	+1524,9	−33,6	[illegible]
3012	4,8	[illegible]	[illegible]	+1,83	[illegible]	[illegible]	[illegible]	−44,1	+ 3,8
3013	4,7	[illegible]	[illegible]	+1,79	− 0,55	[illegible]	[illegible]	−44,3	+ 1,4
3014	5,5	[illegible]	+362,10	+1,83	[illegible]	115.58.16,0	[illegible]	44,8	[illegible]
3015	3,1	[illegible]	+362,21	+1,79	[illegible]	115.49.34,4	+1056,4	[illegible]	[illegible]
3016	[illegible]	16. 8.49,64	+362,98	+1,60	[illegible]	[illegible]	[illegible]	[illegible]	+ 1,0

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	D 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
3017	[illegible]	[illegible]	+364,04	−1,54	− 0,11	115.21.10,3	+ 885,8	−48,0	3,9
3018	6,7	16.40.43,94	+366,85	+1,25	+ 0,19	115.20.47,3	+ 679,8	−50,6	3,0
3019	[illegible]	[illegible]	+370,63	−0,12	− 0,34	115.28.37,4	− 190,4	−53,6	+ 19,9
3020	7	[illegible]	+371,14	−0,26	− 1,00	115.44.46,1	− 270,4	−53,8	+ 28,0
3021	5,7	18.38.40,65	+369,03	−0,40	− 0,11	115. 6.40,8	− 336,8	−53,0	+ 3,0
3022	[illegible]	[illegible]	+367,89	−0,80	− 0,35	115.25.44,7	− 597,9	−51,0	− 3,5
3023	4,6	19.30.37,35	+365,02	−1,04	− 0,45	115. 6.15,7	− 772,2	−48,9	+ 2,7
3024	[illegible]	[illegible]	+356,32	−1,67	− 0,41	115.37.48,5	−1289,8	−39,1	+ 14,8
3025	6,5	[illegible]	[illegible]	−1,80	− 0,13	[illegible]	−1881,1	−16,0	− 4,3
3026	6	2.14.29,72	+270,48	−0,14	− 1,60	116.25. 8,1	−1669,7	+22,1	− 43,0
3027	6,8	[illegible]	+251,73	+0,30	0,00	116.38.11,1	−1122,7	+31,0	0,0
3028	5	[illegible]	+245,27	+0,32	+ 0,50	116.25. 0,7	− 535,1	+34,0	+ 8,5
3029	6,5	5. 6.40,79	+245,73	+0,30	0,00	116. 2. 3,2	− 462,3	+35,0	0,0
3030	7,0	5.10.27,41	+242,68	+0,30	0,00	116.19.18,8	− 428,2	+35,0	0,0
3031	[illegible]	5.59.13,68	+241,24	+0,22	0,00	[illegible]	− 6,7	+35,2	9,0
3032	[illegible]	[illegible]	+245,99	+0,11	− 0,15	116.14. 3,5	+ 555,3	+33,9	− 0,3
3033	5,8	7.10.10,50	+244,60	+0,10	− 0,16	116.10.47,2	+ 604,5	+33,8	4,0
3034	6,5	7.10.48,70	+242,76	+0,11	− 0,27	116.51.48,2	+ 609,7	+33,4	0,0
3035	5,8	7.38.40,38	+247,72	+0,10	− 0,10	116. 6.49,4	+ 837,0	+32,5	+ 3,6
3036	7	9.48.29,30	+270,51	+0,56	− 2,28	[illegible]	+1684,0	+20,8	− 10,0
3037	6,5	10.57.33,86	+289,57	+1,11	− 0,37	116.17.25,5	+1931,5	+10,7	+ 11,5
3038	5	11. 0.30,77	+289,97	+1,12	− 1,60	116.45.14,6	+1938,1	+10,5	+ 2,0
3039	6	11. 1. 6,17	+290,14	+1,16	0,00	116.44.50,8	+1939,4	+10,1	+ 3,0
3040	6,7	[illegible]	+302,59	+1,30	− 0,37	116.11.37,0	+2000,2	+ 3,0	+ 0,5
3041	5	[illegible]	+316,69	+1,90	+ 0,60	116.35.11,9	+1985,3	− 6,7	+ 15,0
3042	3,5	[illegible]	+340,28	+2,30	− 0,31	[illegible]	+1733,1	−25,7	+ 14,6
3043	[illegible]	14. 7. 2,18	+342,80	+2,30	− 0,19	116.47.25,6	+1705,0	−27,0	4,7
3044	6,3	14. 7.30,05	+341,92	+2,28	− 0,30	116. 8.34,3	+1702,8	−26,9	+ 5,3
3045	6	14.42. 6,42	+350,05	+2,24	− 0,31	116.13.58,5	+1524,2	−33,7	0,0
3046	1,3	[illegible]	+367,25	+1,49	− 0,06	116.12.36,4	+ 841,2	−49,2	+ 2,8
3047	7,0	17. 8. 0,53	+373,25	+0,91	− 0,37	116.51.52,6	+ 451,1	−53,2	+ 8,0
3048	7	[illegible]	+372,05	+0,93	0,00	[illegible]	+ 442,5	−53,0	0,0
3049	4,6	17. 9.11,80	+372,11	+1,07	− 3,70	116.27.21,8	+ 440,8	−52,1	+116,8
3050	[illegible]	[illegible]	+372,06	+0,90	− 3,90	116.24. 7,9	+ 433,6	−53,1	+113,4
3051	6,2	17.25.31,75	+372,29	+0,68	− 0,20	116.11.34,6	+ 300,4	−53,8	+ 3,4
3052	6,7	[illegible]	+373,01	+0,50	− 0,10	116.56.21,6	+ 155,6	−54,0	+ 4,0
3053	[illegible]	[illegible]	+372,12	−0,55	− 0,03	116.25.15,6	− 125,9	−52,8	+ 7,2
3054	6,3	[illegible]	+369,90	−0,80	− 0,40	116. 4.27,7	− 378,4	−51,0	+ 1,0
3055	5	[illegible]	[illegible]	−1,30	− 1,50	116.33.54,0	− 924,0	−48,0	7,0
3056	[illegible]	[illegible]	+365,92	−1,34	0,00	[illegible]	− 948,1	−46,7	− 3,4
3057	5,9	[illegible]	+356,63	−1,80	+ 0,50	[illegible]	−1360,2	−38,0	+ 8,0
3058	7	21.13.58,76	+351,95	−1,90	− 4,30	116.45.53,6	−1501,7	−33,5	− 36,0
3059	[illegible]	[illegible]	+347,96	−2,00	+ 0,61	116.37. 2,9	−1592,8	−30,0	+ 2,5
3060	[illegible]	1.41.23,37	+277,03	−0,45	0,00	117.50.54,0	−1812,3	+18,0	0,0
3061	6,7	2.18.55,54	+267,71	−0,14	0,00	117.26.53,9	−1667,9	+22,8	0,0
3062	6,0	[illegible]	+245,68	+0,30	− 1,41	117.55.32,6	− 991,2	+31,6	− 9,0
3063	[illegible]	5.15.24,51	+239,07	+0,30	− 0,23	117.28.17,6	− 387,8	+34,0	− 0,6
3064	[illegible]	[illegible]	+239,02	+0,12	− 0,06	[illegible]	+ 100,7	+33,5	− 0,2
3065	[illegible]	[illegible]	+255,56	+0,20	− 1,17	[illegible]	+1330,6	+27,0	− 8,2
3066	5,1	[illegible]	+267,59	+0,33	− 0,36	[illegible]	+1640,9	+21,7	− 2,9
3067	[illegible]	11. 3.53,60	+290,37	+1,20	− 0,15	117.32.17,5	+1965,3	+10,0	− 3,3
3068	7	[illegible]	+293,66	+1,21	− 2,00	117.47. 6,3	+1967,5	+ 7,5	− 3,0

Nos	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	ρ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3069	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,3
3070	[illegible]	11.52.58,51	[illegible]	[illegible]	7,40	[illegible]	[illegible]	+ 0,7	+70,0
3071	5,9	[illegible]	[illegible]	+2,00	[illegible]	117.46.30,7	−1976,8	[illegible]	[illegible]
3072	[illegible]	[illegible]	[illegible]	+2,35	[illegible]	117.17.43,0	[illegible]	−28,4	[illegible]
3073	[illegible]	[illegible]	[illegible]	+2,33	[illegible]	117.32.38,9	[illegible]	−33,8	+ 8,0
3074	[illegible]	[illegible]	[illegible]	+2,28	[illegible]	[illegible]	−1462,1	−35,9	[illegible]
3075	[illegible]	[illegible]	+363,27	+2,10	[illegible]	117.48.13,6	[illegible]	−42,6	− 0,2
3076	[illegible]	[illegible]	+368,88	[illegible]	+ 0,02	117.40. 0,4	[illegible]	−47,6	− 0,2
3077	[illegible]	17.41.15,85	[illegible]	[illegible]	[illegible]	117.47.33,8	[illegible]	[illegible]	+ 1,4
3078	[illegible]	[illegible]	+374,60	[illegible]	[illegible]	117. 5.36,8	[illegible]	−53,8	+ 0,6
3079	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	117.48.59,8	[illegible]	−52,4	+25,4
3080	[illegible]	[illegible]	[illegible]	[illegible]	0,00	117.11.25,7	− 716,0	[illegible]	+ 6,0
3081	[illegible]	19.50.48,68	+368,71	−1,38	[illegible]	117.26. 7,1	[illegible]	−47,3	+ 2,4
3082	4,6	[illegible]	+369,28	[illegible]	0,23	117.59.16,4	[illegible]	−46,7	[illegible]
3083	5,5	[illegible]	+365,70	[illegible]	[illegible]	[illegible]	[illegible]	−46,1	+24,0
3084	[illegible]	20.45.51,28	+358,91	−1,84	0,08	117.17.35,7	−1327,4	−38,6	+ 0,6
3085	[illegible]	21.33.18,94	+349,28	−2,08	2,70	[illegible]	−1608,3	[illegible]	−16,0
3086	[illegible]	[illegible]	+332,48	−1,95	[illegible]	117.33.55,3	[illegible]	−16,8	[illegible]
3087	[illegible]	[illegible]	+320,59	[illegible]	[illegible]	[illegible]	[illegible]	− 8,0	[illegible]
3088	[illegible]	[illegible]	+305,22	−1,40	[illegible]	[illegible]	−2004,4	[illegible]	0,0
3089	[illegible]	2.29.27,87	−262,90	[illegible]	[illegible]	[illegible]	−1593,6	+23,9	0,0
3090	6	2.57.18,95	[illegible]	−0,04	[illegible]	[illegible]	−1434,5	+26,6	+41,0
3091	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1398,3	+27,4	0,0
3092	6	6.49.35,30	−236,67	[illegible]	[illegible]	[illegible]	+ 430,4	[illegible]	+48,0
3093	4,6	[illegible]	+235,74	[illegible]	[illegible]	118.50. 9,1	[illegible]	+33,2	[illegible]
3094	4	[illegible]	[illegible]	+0,12	[illegible]	118.42.55,9	+ 845,8	[illegible]	[illegible]
3095	5,6	11.27.18,55	+296,86	[illegible]	0,20	118.42.54,5	+1984,8	[illegible]	−18,0
3096	[illegible]	11.27.18,86	[illegible]	+1,51	[illegible]	118.42.46,8	+1984,8	[illegible]	[illegible]
3097	6,5	[illegible]	[illegible]	[illegible]	2,57	[illegible]	[illegible]	+ 3,7	[illegible]
3098	5,6	13.27. 1,57	[illegible]	[illegible]	[illegible]	118.10.39,2	+1862,4	[illegible]	[illegible]
3099	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	118.55.19,6	[illegible]	[illegible]	+ 1,5
3100	5,5	16. 6. 5,07	+370,17	+1,80	[illegible]	[illegible]	+ 956,1	−48,0	+ 5,3
3101	5,5	16.12. 5,65	[illegible]	[illegible]	[illegible]	[illegible]	+ 909,6	[illegible]	+12,5
3102	[illegible]	16.29.39,36	[illegible]	[illegible]	[illegible]	118. 0.30,9	[illegible]	[illegible]	+ 3,4
3103	6,5	[illegible]	+377,03	[illegible]	0,80	118.26. 5,2	+ 534,6	−53,1	+33,0
3104	5,6	17.17. 3,85	[illegible]	+0,84	[illegible]	118. 2.45,5	[illegible]	[illegible]	[illegible]
3105	[illegible]	18.11. 3,49	+379,22	[illegible]	[illegible]	[illegible]	− 96,6	−55,3	+20,0
3106	6,1	20.19.19,44	[illegible]	[illegible]	0,15	118.59.15,1	[illegible]	[illegible]	− 9,5
3107	[illegible]	21. 3. 0,53	[illegible]	−2,05	0,60	118.52.42,1	[illegible]	−36,5	[illegible]
3108	5,6	21. 7.21,61	[illegible]	−2,00	− 0,75	[illegible]	[illegible]	−35,0	+10,6
3109	[illegible]	21.55. 5,65	[illegible]	[illegible]	[illegible]	118.56. 0,7	−1714,3	[illegible]	[illegible]
3110	5,6	22. 8.38,73	+340,83	−2,10	+ 0,04	[illegible]	−1773,2	−22,6	[illegible]
3111	[illegible]	[illegible]	+312,43	[illegible]	0,59	[illegible]	[illegible]	[illegible]	+13,3
3112	[illegible]	0.16.29,72	+301,82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3113	[illegible]	0.53.47,22	+289,37	[illegible]	[illegible]	119.53.52,8	−1919,7	+10,6	[illegible]
3114	[illegible]	[illegible]	+269,03	−0,30	0,15	119.46.35,7	[illegible]	[illegible]	+ 0,3
3115	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1368,3	[illegible]	−63,7
3116	[illegible]	4.29.35,13	−236,12	[illegible]	[illegible]	119.58. 7,0	− 770,7	+32,1	+27,0
3117	5,6	6. 2.14,48	−230,87	[illegible]	0,00	[illegible]	+ 19,6	+34,0	− 7,0
3118	[illegible]	7.20. 8,42	[illegible]	[illegible]	0,03	[illegible]	+ 686,8	+32,2	[illegible]
3119	7	8. 2.54,58	[illegible]	−0,15	+ 2,40	[illegible]	+1024,6	+30,1	[illegible]
3120	[illegible]	10.19.19,58	[illegible]	+0,88	0,40	119. 8.31,4	[illegible]	+16,4	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
		h m s	s	s	s	° ′ ″	″	″	″
3121	7	11. 5. 9,06	[illegible]	−1,35	−3,77	119.57.47,4	−1943,9	− 9,5	−15,3
3122	6,6	11.42.15,[illegible]	+301,32	+1,72	−2,33	119.43.30,3	−1999,3	+ 2,6	+19,2
3123	[illegible]	14.22.18,88	[illegible]	+2,51	[illegible]	119. 2.52,6	−1650,9	−30,2	[illegible]
3124	4,7	15.11.44,57	+364,07	[illegible]	−0,25	119.46.51,8	+1343,4	[illegible]	[illegible]
3125	5,9	15.32.30,75	+367,65	+2,20	−0,60	119.26.56,3	+1203,2	−43,3	+ 3,4
3126	5,6	[illegible]	+372,61	+1,86	[illegible]	119. 9. 7,4	+ 965,8	−47,9	+ 7,0
3127	6,7	16.18.[illegible]	+375,50	+1,72	+0,40	119.28.14,0	+ 866,3	−49,8	+11,0
3128	[illegible]	17. 00.58,[illegible]	[illegible]	+0,83	−0,04	119.46.35,6	+ 339,8	−55,1	+16,0
3129	[illegible]	17.58.37,94	[illegible]	+0,19	0,00	119.35. 4,6	+ 11,9	−55,9	[illegible]
3130	[illegible]	18.14.35,53	+383,84	−0,08	+0,23	119.52.14,3	[illegible]	[illegible]	[illegible]
3131	[illegible]	[illegible]	[illegible]	−1,10	[illegible]	119.56.27,2	− 690,9	−52,0	+ 5,3
3132	[illegible]	[illegible]	+325,80	[illegible]	[illegible]	119.[illegible] 19,7	−1943,4	−11,0	[illegible]
3133	6,5	[illegible]	[illegible]	−1,27	0,00	120. 6.32,8	−1989,5	+ 6,2	0,0
3134	7	0.48. 6,29	+290,60	−1,09	+5,02	120.54. 5,0	−1961,2	+ 9,7	[illegible]
3135	7	2.18.52,57	+262,74	[illegible]	−0,77	120.19.17,8	−1648,[illegible]	[illegible]	+13,1
3136	7	[illegible]	[illegible]	−0,11	+1,55	120.22.30,3	−1593,[illegible]	[illegible]	[illegible]
3137	[illegible]	3.33. 4,15	+245,01	+0,22	[illegible]	120. 9.32,0	−1199,3	[illegible]	+ 5,0
3138	[illegible]	[illegible]	[illegible]	[illegible]	0,00	120.28. 9,5	[illegible]	+29,5	+28,0
3139	3,8	4.31.39,76	[illegible]	+0,32	[illegible]	120.46. 1,5	− 755,7	[illegible]	[illegible]
3140	[illegible]	[illegible]	+230,21	+0,18	0,06	120. 1. 8,7	[illegible]	+33,4	+ 2,4
3141	4,8	7.[illegible]	+233,37	+0,12	+1,70	120.45. 9,5	+ 741,6	+31,3	− 1,0
3142	4,4	10.22.34,51	[illegible]	+0,97	[illegible]	120.33.[illegible]	+1826,3	[illegible]	+ 2,3
3143	6	[illegible]	[illegible]	+1,78	[illegible]	120.16.13,5	+2001,9	+ 2,2	+30,0
3144	5,2	13.11.19,74	+331,80	[illegible]	[illegible]	120.58.37,0	+1908,4	[illegible]	[illegible]
3145	[illegible]	[illegible]	[illegible]	+2,54	−3,08	120. 9.[illegible]	+1498,4	−35,3	+ 1,5
3146	[illegible]	[illegible]	+378,08	+1,86	+0,60	120.39.53,8	+ 900,9	−49,5	+ 8,0
3147	[illegible]	17.52.40,09	+385,17	+0,30	+0,30	120.14.35,2	+ 64,2	[illegible]	[illegible]
3148	[illegible]	17.59.23,00	[illegible]	+0,20	−0,56	120.25.31,1	+ 5,4	−56,1	+19,8
3149	2,7	[illegible]	+382,15	−0,77	[illegible]	120. 1.23,5	[illegible]	−53,8	+ 1,9
3150	7	[illegible]	[illegible]	−1,20	0,00	120.59.45,3	− 713,0	−52,0	+27,0
3151	[illegible]	[illegible]	[illegible]	−2,11	[illegible]	120. 9. 8,2	−1917,4	−13,4	[illegible]
3152	5	[illegible]	+308,22	[illegible]	0,00	120.16.39,7	−2005,1	+ 0,2	0,0
3153	[illegible]	1.18.51,73	+279,67	−0,80	−0,50	121.28. 0,[illegible]	−1887,7	+14,0	+ 7,0
3154	6	[illegible]	[illegible]	−0,55	0,00	121.34.10,2	−1799,2	+18,2	0,0
3155	5,2	2. 8.30,06	[illegible]	[illegible]	−0,37	121.11.35,0	−1697,7	[illegible]	+ 2,2
3156	6	6.41.38,68	[illegible]	+0,13	[illegible]	121.40.48,2	+ 362,5	[illegible]	[illegible]
3157	6,5	8.28.57,28	+242,86	[illegible]	−8,80	121.10.55,2	[illegible]	+27,2	−69,0
3158	[illegible]	[illegible]	[illegible]	+1,66	[illegible]	121.18.15,5	+1985,3	[illegible]	[illegible]
3159	7	[illegible]	[illegible]	+2,53	[illegible]	121.20. 1,5	+1919,6	[illegible]	+32,0
3160	5	13.47.27,04	[illegible]	+2,72	−0,20	121.26. 3,0	+1788,8	−23,7	+ 6,0
3161	[illegible]	16.55.24,47	[illegible]	[illegible]	−0,37	[illegible]	[illegible]	[illegible]	+ 7,3
3162	5,6	[illegible]	+389,50	[illegible]	[illegible]	121.40. 9,2	[illegible]	−56,7	[illegible]
3163	[illegible]	21.41.52,00	[illegible]	−2,39	[illegible]	121.21.39,4	[illegible]	[illegible]	[illegible]
3164	6	[illegible]	+336,65	[illegible]	−0,90	[illegible]	[illegible]	−17,6	+22,0
3165	[illegible]	0.57.39,64	[illegible]	−1,07	[illegible]	122. 5.26,2	[illegible]	+11,2	0,0
3166	6,6	[illegible]	[illegible]	−0,73	0,06	122.24.11,1	[illegible]	+16,1	0,0
3167	[illegible]	2.40. 8,66	[illegible]	[illegible]	[illegible]	122.56.48,7	−1535,3	+24,2	0,0
3168	[illegible]	[illegible]	[illegible]	[illegible]	−0,80	[illegible]	[illegible]	[illegible]	−15,6
3169	5,4	6.24.27,54	[illegible]	+0,17	[illegible]	[illegible]	+ 213,6	[illegible]	[illegible]
3170	[illegible]	6.46. 6,30	+224,16	+0,10	[illegible]	122.23.33,3	[illegible]	[illegible]	[illegible]
3171	[illegible]	[illegible]	+241,09	+0,28	[illegible]	122.49.32,9	[illegible]	+26,4	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3172	[illegible]	[illegible]	[illegible]	+0,92	[illegible]	[illegible]	[illegible]	[illegible]	— 5,7
3173	[illegible]	[illegible]	[illegible]	+1,69	[illegible]	[illegible]	+1987,7	— 5,3	[illegible]
3174	5,6	[illegible]	[illegible]	—2,30	— 0,30	[illegible]	[illegible]	[illegible]	+ 4,7
3175	[illegible]	13.40. 0,20	+343,32	[illegible]	[illegible]	[illegible]	+1817,2	—21,1	— 16,0
3176	[illegible]	13.46. 3,03	+345,28	+2,81	[illegible]	[illegible]	[illegible]	—23,1	[illegible]
3177	[illegible]	17.10.33,24	[illegible]	—1,07	[illegible]	[illegible]	[illegible]	—55,7	+ 5,0
3178	[illegible]	17.34.27,52	[illegible]	+0,64	[illegible]	[illegible]	+ 223,1	—56,7	0,0
3179	5,7	19.39.38,39	+383,47	—1,50	[illegible]	[illegible]	[illegible]	[illegible]	— 3,5
3180	5,6	[illegible]	—380,93	—1,77	[illegible]	122.20.14,6	[illegible]	—48,1	[illegible]
3181	[illegible]	20.55. 9,56	—369,05	—2,35	[illegible]	122.38.54,9	[illegible]	—38,[illegible]	— 0,4
3182	4,8	21.11.52,51	—364,44	[illegible]	[illegible]	122.35.25,3	[illegible]	—35,0	— 1,0
3183	[illegible]	22.25.49,21	[illegible]	—2,47	+ 0,07	[illegible]	[illegible]	[illegible]	+ 3,6
3184	6,7	[illegible]	[illegible]	+0,26	0,00	123.27.50,3	[illegible]	+31,9	+ 6,0
3185	[illegible]	5.49.28,96	[illegible]	[illegible]	[illegible]	[illegible]	— 92,0	[illegible]	— 3,0
3186	4	6.18.27,33	—219,46	—0,20	[illegible]	123.23. 8,5	[illegible]	+31,8	+ 5,0
3187	5,6	[illegible]	[illegible]	[illegible]	[illegible]	123.58.31,5	[illegible]	[illegible]	— 7,0
3188	[illegible]	7.41.51,37	[illegible]	[illegible]	[illegible]	123.58.33,7	[illegible]	—29,9	—166,0
3189	6	[illegible]	[illegible]	[illegible]	[illegible]	123. 0.58,4	+1989,9	+ 4,6	+ 1,1
3190	[illegible]	[illegible]	[illegible]	—2,50	— 0,36	[illegible]	+1964,2	[illegible]	+ 3,4
3191	[illegible]	[illegible]	+346,60	[illegible]	[illegible]	123.57. 5,3	+1803,7	—22,6	+ 9,3
3192	5,3	14.49.36,27	—366,82	[illegible]	[illegible]	123.26.59,1	+1480,7	—37,0	+ 1,2
3193	5	[illegible]	—380,26	—2,38	[illegible]	[illegible]	[illegible]	[illegible]	— 0,5
3194	[illegible]	16.58.14,44	[illegible]	[illegible]	— 0,30	123.58.57,6	— 533,8	—55,5	+ 5,0
3195	[illegible]	[illegible]	[illegible]	—0,30	[illegible]	123. 3.19,6	— 214,2	[illegible]	[illegible]
3196	[illegible]	[illegible]	—377,25	—2,30	[illegible]	123.47. 8,4	[illegible]	—43,0	[illegible]
3197	[illegible]	[illegible]	—358,26	[illegible]	[illegible]	123.28.54,7	—1637,1	—29,5	[illegible]
3198	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0,0
3199	5,5	[illegible]	[illegible]	—2,50	[illegible]	123.36. 5,7	1863,2	[illegible]	— 5,0
3200	5,5	22.46.57,93	[illegible]	[illegible]	[illegible]	123.24.21,6	[illegible]	14,6	— 13,0
3201	[illegible]	[illegible]	[illegible]	—2,37	[illegible]	123. 4.27,1	[illegible]	13,8	— 18,6
3202	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	123. 4.36,7	[illegible]	[illegible]	+ 6,6
3203	[illegible]	[illegible]	[illegible]	—2,05	[illegible]	123.17.23,6	[illegible]	[illegible]	— 41,0
3204	[illegible]	2.23.47,63	253,81	—0,26	0,00	[illegible]	[illegible]	—22,4	[illegible]
3205	[illegible]	4.14. 6,53	[illegible]	[illegible]	[illegible]	[illegible]	— 893,6	[illegible]	0,0
3206	[illegible]	4.20.16,84	[illegible]	+0,33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3207	5,0	[illegible]	[illegible]	+0,24	[illegible]	124.59.35,1	[illegible]	—31,0	+ 35,2
3208	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,06	[illegible]	[illegible]	+31,6	+ 3,8
3209	4,7	[illegible]	[illegible]	[illegible]	[illegible]	124.44.36,8	[illegible]	[illegible]	— 1,0
3210	[illegible]	[illegible]	—225,63	[illegible]	[illegible]	124.27.15,5	[illegible]	+28,8	[illegible]
3211	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	124.57.12,1	+1263,2	+26,1	0,0
3212	[illegible]	11.35.14,57	[illegible]	[illegible]	[illegible]	124.11.26,1	[illegible]	[illegible]	— 8,0
3213	5,8	12.20. 5,38	—315,35	[illegible]	— 1,30	124.37.55,6	+1997,5	[illegible]	[illegible]
3214	5	[illegible]	[illegible]	+3,03	[illegible]	[illegible]	[illegible]	[illegible]	— 22,0
3215	4,6	15.33.24,78	—379,86	—2,56	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3216	5,6	15.36.18,32	[illegible]	—2,56	[illegible]	124.23.21,2	[illegible]	[illegible]	[illegible]
3217	[illegible]	16.24.50,76	[illegible]	[illegible]	— 0,07	[illegible]	— 808,6	[illegible]	+ 2,8
3218	[illegible]	[illegible]	+392,79	[illegible]	[illegible]	124. 6.42,6	— 655,3	[illegible]	+ 26,3
3219	[illegible]	18.17.32,07	[illegible]	[illegible]	— 0,41	[illegible]	[illegible]	[illegible]	[illegible]
3220	[illegible]	[illegible]	[illegible]	—2,40	[illegible]	124. 8.59,7	[illegible]	—41,1	[illegible]
3221	[illegible]	0. 6.38,94	[illegible]	[illegible]	— 0,07	[illegible]	2003,8	+ 2,2	[illegible]
3222	5,7	[illegible]	+250,44	[illegible]	[illegible]	125. 5.23,4	[illegible]	[illegible]	+ 0,6

N°	GRANDEUR	Æ 1900.0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	D 1900.0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3223	6,5	[illegible]	[illegible]	−0,19	− 0,30	[illegible]	[illegible]	+23,1	[illegible]
3224	6,8	3.10.44,15	+235,68	+0,10	[illegible]	125.55.46,0	−1350,0	+26,0	− 2,5
3225	[illegible]	[illegible]	+228,26	+0,26	+ 0,07	[illegible]	−1078,3	+28,5	1,7
3226	[illegible]	5.27.39,70	[illegible]	[illegible]	[illegible]	[illegible]	− 282,0	+30,8	4,8
3227	3,1	5.47.26,02	[illegible]	+0,33	[illegible]	125.48.21,2	− 109,9	[illegible]	58,9
3228	4,3	[illegible]	[illegible]	+0,24	− 0,05	[illegible]	− 52,6	+31,0	0,6
3229	4,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+31,0	− 6,5
3230	4,4	[illegible]	+247,59	+0,60	[illegible]	125.30.50,2	+1564,5	+22,0	[illegible]
3231	5,3	[illegible]	[illegible]	+0,80	[illegible]	[illegible]	+1712,4	+19,0	[illegible]
3232	[illegible]	[illegible]	[illegible]	+1,90	[illegible]	125.30.49,9	+1975,7	+ 6,0	[illegible]
3233	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1732,6	[illegible]	[illegible]
3234	[illegible]	3.45.42,76	[illegible]	[illegible]	− 0,36	126.30.10,5	−1108,6	[illegible]	+ 2,8
3235	[illegible]	[illegible]	[illegible]	[illegible]	− 0,08	126.55. 4,8	[illegible]	[illegible]	1,0
3236	[illegible]	8.14.48,61	[illegible]	+0,19	[illegible]	126.20.56,9	+1112,7	+26,9	− 11,0
3237	[illegible]	8.41. 1,01	[illegible]	+0,30	0,00	[illegible]	[illegible]	+25,2	0,0
3238	[illegible]	[illegible]	[illegible]	+1,56	[illegible]	126.36. 0,5	[illegible]	[illegible]	+ 13,8
3239	3,0	13.14.58,35	+338,65	+3,03	[illegible]	126.11. 5,3	+1898,4	−16,4	+ 9,6
3240	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	126.30. 0,5	[illegible]	[illegible]	+ 5,5
3241	5,4	[illegible]	[illegible]	+2,45	[illegible]	[illegible]	+1002,4	[illegible]	+ 1,0
3242	[illegible]	[illegible]	+407,08	+0,70	[illegible]	[illegible]	+ 209,1	[illegible]	[illegible]
3243	[illegible]	18.10.51,68	[illegible]	−0,06	− 1,09	126.47.29,6	− 95,0	−58,9	[illegible]
3244	[illegible]	[illegible]	[illegible]	−2,05	[illegible]	[illegible]	−1037,4	−49,2	[illegible]
3245	[illegible]	1.37.38,47	[illegible]	−0,80	− 0,55	127.20.12,2	−1825,9	+17,0	[illegible]
3246	[illegible]	3.39. 7,88	+223,08	[illegible]	[illegible]	[illegible]	[illegible]	+27,0	9,0
3247	[illegible]	4.38.31,31	+211,65	+0,36	+ 0,20	127.20.22,2	− 698,0	+29,0	[illegible]
3248	3,4	7.41.41,41	+213,86	+0,10	[illegible]	127.43.32,6	+ 860,8	[illegible]	[illegible]
3249	[illegible]	[illegible]	+263,56	[illegible]	− 1,50	127.30. 8,2	+1814,1	−16,0	+ 5,4
3250	[illegible]	[illegible]	[illegible]	[illegible]	− 4,30	127.36. 0,7	[illegible]	−46,6	+ 29,0
3251	[illegible]	[illegible]	[illegible]	+1,77	− 0,05	127.52.32,5	[illegible]	−56,3	+ 2,3
3252	[illegible]	[illegible]	[illegible]	+1,80	[illegible]	127.50.49,7	[illegible]	−56,0	+ 3,3
3253	[illegible]	17.23.57,77	[illegible]	[illegible]	− 0,24	127.12.57,6	[illegible]	−58,7	+ 3,5
3254	1,8	[illegible]	[illegible]	+0,87	[illegible]	127. 1.50,8	+ 289,2	−58,8	[illegible]
3255	3,4	[illegible]	[illegible]	+0,54	+ 0,60	127. 0.40,4	+ 148,2	−59,3	[illegible]
3256	4,9	18.51.58,63	[illegible]	−0,90	[illegible]	127.14.15,7	[illegible]	[illegible]	[illegible]
3257	[illegible]	[illegible]	[illegible]	−1,08	+ 0,70	127.12.26,8	[illegible]	[illegible]	+ 33,0
3258	[illegible]	[illegible]	+363,81	−3,10	[illegible]	127.50. 7,0	−1680,7	−28,3	[illegible]
3259	5,8	[illegible]	+288,78	[illegible]	[illegible]	128.58.22,2	[illegible]	+ 8,0	[illegible]
3260	[illegible]	[illegible]	+276,25	[illegible]	+ 0,30	128.23.11,3	[illegible]	+13,0	[illegible]
3261	[illegible]	[illegible]	+259,34	−0,78	0,00	128.54.26,5	[illegible]	[illegible]	[illegible]
3262	[illegible]	13.25.14,56	[illegible]	+3,40	[illegible]	128.53.27,1	+1868,1	−19,0	+ 1,3
3263	5,3	16.17.14,72	+404,68	+2,40	+ 0,42	128.57.32,9	+ 869,3	[illegible]	+ 1,9
3264	[illegible]	17.35.34,21	[illegible]	[illegible]	+ 0,04	128.58.41,5	[illegible]	−60,2	[illegible]
3265	[illegible]	18.36.55,29	[illegible]	[illegible]	− 0,29	128.25.10,5	− 321,6	[illegible]	+ 5,3
3266	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,51	128. 3.37,2	− 541,4	[illegible]	11,8
3267	[illegible]	23.27.36,61	+322,14	[illegible]	+ 0,71	128.22.17,0	−1984,7	− 5,8	0,6
3268	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	129.43.17,2	+1002,9	[illegible]	0,6
3269	[illegible]	11.41.45,04	[illegible]	+2,34	[illegible]	129.57.22,0	+1998,9	+ 2,8	[illegible]
3270	4,3	12.47.53,78	+330,20	+3,23	[illegible]	[illegible]	[illegible]	[illegible]	+ 3,5
3271	[illegible]	[illegible]	+368,27	+3,60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3272	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3273	5,5	[illegible]	-384,96	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3274	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29.41.11,0	[illegible]	[illegible]	[illegible]
3275	[illegible]	2.36.43,15	[illegible]	-0,20	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3276	3,0	[illegible]	[illegible]	-0,03	[illegible]	[illegible]	-1451,3	[illegible]	[illegible]
3277	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	30.36. 9,3	[illegible]	[illegible]	[illegible]
3278	[illegible]	[illegible]	-212,00	[illegible]	-0,30	30.58.21,6	[illegible]	[illegible]	[illegible]
3279	[illegible]	[illegible]	-198,88	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3280	[illegible]	[illegible]	[illegible]	[illegible]	0,19	30.19. 3,5	916,2	[illegible]	[illegible]
3281	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3282	[illegible]	[illegible]	[illegible]	-3,40	[illegible]	[illegible]	[illegible]	[illegible]	-3,8
3283	3,0	[illegible]	[illegible]	3,31	[illegible]	[illegible]	[illegible]	[illegible]	-4,9
3284	[illegible]	[illegible]	-419,38	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0,8
3285	[illegible]	[illegible]	[illegible]	-1,33	[illegible]	[illegible]	[illegible]	[illegible]	-6,0
3286	4,1	[illegible]	[illegible]	-1,68	[illegible]	[illegible]	660,6	[illegible]	[illegible]
3287	[illegible]	[illegible]	-386,41	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3288	[illegible]	[illegible]	[illegible]	-2,58	[illegible]	[illegible]	-2003,1	[illegible]	[illegible]
3289	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1688,9	[illegible]	[illegible]
3290	6,5	[illegible]	[illegible]	[illegible]	[illegible]	31.59.15,2	[illegible]	[illegible]	[illegible]
3291	5,9	[illegible]	[illegible]	[illegible]	-0,17	[illegible]	[illegible]	[illegible]	[illegible]
3292	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1780,3	[illegible]	[illegible]
3293	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1810,1	[illegible]	[illegible]
3294	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.41.22,4	[illegible]	[illegible]	[illegible]
3295	[illegible]	[illegible]	[illegible]	-2,80	[illegible]	[illegible]	[illegible]	0,0	[illegible]
3296	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	31.57.33,9	[illegible]	[illegible]	[illegible]
3297	[illegible]	[illegible]	-358,27	[illegible]	-0,69	[illegible]	[illegible]	[illegible]	[illegible]
3298	3,3	13.43.35,39	[illegible]	[illegible]	[illegible]	31.58.31,5	[illegible]	[illegible]	[illegible]
3299	4,0	[illegible]	-363,11	3,90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3300	[illegible]	[illegible]	[illegible]	-3,90	-0,32	31.43. 6,7	-1594,9	[illegible]	[illegible]
3301	[illegible]	[illegible]	-388,70	3,78	+0,05	[illegible]	[illegible]	[illegible]	[illegible]
3302	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3303	[illegible]	[illegible]	[illegible]	-3,45	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3304	[illegible]	[illegible]	-365,24	-3,60	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3305	[illegible]	[illegible]	351,37	[illegible]	[illegible]	[illegible]	[illegible]	18,9	[illegible]
3306	[illegible]	[illegible]	335,21	-3,13	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3307	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3308	[illegible]	[illegible]	[illegible]	-2,28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3309	[illegible]	[illegible]	[illegible]	[illegible]	-1,60	[illegible]	[illegible]	[illegible]	[illegible]
3310	3,8	[illegible]	[illegible]	[illegible]	-0,41	[illegible]	[illegible]	[illegible]	[illegible]
3311	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	32. 3.17,4	[illegible]	[illegible]	[illegible]
3312	[illegible]	[illegible]	[illegible]	-0,24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3313	[illegible]	7. 0.52,35	[illegible]	-0,09	[illegible]	32.11.25,2	[illegible]	[illegible]	[illegible]
3314	4,1	[illegible]	[illegible]	[illegible]	0,20	32.38.21,1	[illegible]	[illegible]	0,0
3315	[illegible]	[illegible]	[illegible]	[illegible]	-0,70	[illegible]	-1466,3	[illegible]	[illegible]
3316	5,6	[illegible]	[illegible]	-3,45	[illegible]	[illegible]	-1211,6	[illegible]	[illegible]
3317	[illegible]	[illegible]	[illegible]	-2,08	-1,70	[illegible]	623,5	[illegible]	[illegible]
3318	[illegible]	[illegible]	[illegible]	-0,96	[illegible]	32. 6. 2,8	260,5	62,3	-0,9
3319	[illegible]	[illegible]	428,46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3320	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3321	[illegible]	[illegible]	-395,83	3,08	[illegible]	[illegible]	-1982,2	-6,6	+10,0
3322	[illegible]	[illegible]	-317,15	-2,84	[illegible]	[illegible]	[illegible]	[illegible]	-85,0

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	𝒫 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3323	3,3	[illegible]	[illegible]	1,25	− 0,29	[illegible]	−1871,5	[illegible]	+22,5
3324	[illegible]	3.15.55,99	[illegible]	[illegible]	[illegible]	[illegible]	−1315,6	−29,6	−76,2
3325	3,2	[illegible]	[illegible]	+0,12	− 0,09	133. 6.29,5	[illegible]	+26,4	+ 1,9
3326	6,5	[illegible]	[illegible]	+0,08	− 1,20	133.28. 9,0	+ 526,6	+25,8	[illegible]
3327	[illegible]	[illegible]	[illegible]	+0,08	− 0,72	133. 5.55,8	[illegible]	[illegible]	[illegible]
3328	[illegible]	[illegible]	[illegible]	−0,16	− 0,03	133.49.37,0	+1190,9	+23,5	+ 3,0
3329	[illegible]	[illegible]	−220,70	[illegible]	[illegible]	133. 1.43,9	[illegible]	+21,7	+ 0,7
3330	[illegible]	[illegible]	[illegible]	[illegible]	− 1,70	133.36.13,3	+1958,8	[illegible]	+27,0
3331	[illegible]	[illegible]	−346,10	[illegible]	− 0,60	133.27. 5,2	[illegible]	−16,0	[illegible]
3332	3,4	[illegible]	[illegible]	+2,60	[illegible]	133.50. 0,2	[illegible]	−57,0	[illegible]
3333	3,2	[illegible]	[illegible]	[illegible]	[illegible]	133. 6.26,8	+ 476,6	−61,0	+30,6
3334	[illegible]	17.59.35,76	+433,82	[illegible]	− 0,60	133.25.48,3	[illegible]	[illegible]	+12,0
3335	5,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 362,2	−62,0	+ 0,4
3336	[illegible]	[illegible]	[illegible]	−3,07	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,4
3337	3,9	[illegible]	[illegible]	[illegible]	0,00	134.14. 5,7	[illegible]	+ 5,0	[illegible]
3338	6,2	[illegible]	[illegible]	−0,10	0,00	134.47.40,5	[illegible]	+23,0	[illegible]
3339	[illegible]	7.10.29,24	+182,16	[illegible]	[illegible]	134.28.36,2	[illegible]	+25,2	−35,0
3340	[illegible]	7.39.51,68	[illegible]	[illegible]	[illegible]	134.55. 9,1	+ 846,3	[illegible]	+55,0
3341	[illegible]	[illegible]	[illegible]	+2,88	[illegible]	[illegible]	+2001,0	[illegible]	[illegible]
3342	[illegible]	14.19.42,91	−383,14	[illegible]	[illegible]	134.46. 8,6	+1643,6	−32,6	+ 3,0
3343	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 3,0
3344	[illegible]	15.34.18,85	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 48,2	+29,0
3345	[illegible]	[illegible]	+422,47	[illegible]	[illegible]	[illegible]	−1006,9	54,0	+ 0,4
3346	[illegible]	[illegible]	[illegible]	[illegible]	− 0,06	[illegible]	[illegible]	−59,3	[illegible]
3347	[illegible]	[illegible]	[illegible]	[illegible]	− 0,40	134.59.17,1	[illegible]	−59,8	+ 9,0
3348	[illegible]	20.41.42,44	−406,76	[illegible]	− 1,41	134.21.10,4	−1300,3	−45,0	[illegible]
3349	[illegible]	20.51. 3,12	−403,65	3,64	5,00	134.29.10,9	[illegible]	−43,0	+99,0
3350	[illegible]	22.23.17,50	[illegible]	[illegible]	[illegible]	134. 0.23,7	1829,4	−21,0	+ 2,0
3351	[illegible]	[illegible]	−340,07	[illegible]	[illegible]	134. 3.38,5	[illegible]	[illegible]	[illegible]
3352	[illegible]	[illegible]	−286,63	[illegible]	[illegible]	[illegible]	−1981,8	[illegible]	+ 5,0
3353	[illegible]	4.27.46,27	[illegible]	[illegible]	[illegible]	135.10. 6,1	[illegible]	+25,0	[illegible]
3354	[illegible]	[illegible]	[illegible]	−0,30	[illegible]	135. 2.10,9	[illegible]	+25,0	−22,5
3355	[illegible]	[illegible]	[illegible]	−0,26	[illegible]	[illegible]	+ 15,7	+25,0	[illegible]
3356	[illegible]	[illegible]	[illegible]	[illegible]	0,00	[illegible]	[illegible]	+24,8	+12,0
3357	[illegible]	8.42.38,18	[illegible]	+0,20	− 0,25	135.40.32,6	+1306,5	+22,0	[illegible]
3358	[illegible]	13.55.28,80	[illegible]	[illegible]	0,60	[illegible]	+1756,1	−22,6	[illegible]
3359	[illegible]	[illegible]	−382,10	[illegible]	[illegible]	135.35.47,8	+1676,9	[illegible]	+ 1,4
3360	[illegible]	[illegible]	[illegible]	+0,02	0,67	135.58.18,1	[illegible]	[illegible]	[illegible]
3361	[illegible]	18.24.21,03	[illegible]	[illegible]	[illegible]	135.58.56,7	[illegible]	−64,5	+ 7,0
3362	[illegible]	18.24.38,04	[illegible]	[illegible]	0,30	135.49.34,8	[illegible]	[illegible]	[illegible]
3363	[illegible]	19. 7.23,12	[illegible]	−1,80	[illegible]	135.21.44,3	[illegible]	−61,0	+ 4,2
3364	[illegible]	[illegible]	+390,92	−4,10	[illegible]	[illegible]	[illegible]	[illegible]	0,0
3365	[illegible]	[illegible]	+340,06	[illegible]	[illegible]	[illegible]	−1946,6	[illegible]	[illegible]
3366	[illegible]	23.26. 0,82	[illegible]	[illegible]	[illegible]	135.23.40,6	−1983,3	− 6,4	[illegible]
3367	[illegible]	[illegible]	[illegible]	−3,26	[illegible]	135.38.18,2	1996,5	[illegible]	+ 1,0
3368	[illegible]	0. 4.20,19	[illegible]	−2,88	[illegible]	[illegible]	2004,3	+ 1,7	[illegible]
3369	4,6	[illegible]	+284,73	[illegible]	0,46	[illegible]	[illegible]	+ 7,4	+ 3,2
3370	5,5	1.10.40,43	+265,16	1,66	+ 6,60	136. 3.56,7	[illegible]	[illegible]	−17,0
3371	[illegible]	[illegible]	[illegible]	−0,86	1,25	[illegible]	[illegible]	+16,8	[illegible]
3372	[illegible]	[illegible]	+172,43	[illegible]	1,55	136.35.32,2	+ 600,3	+24,0	[illegible]
3373	6,5	7.14.37,18	[illegible]	0,00	1,80	[illegible]	+ 641,4	[illegible]	−57,0

N°	Grandeur	Æ 1900,0	Précession	Variation séculaire	Mouvement propre	℘ 1900,0	Précession	Variation séculaire	Mouvement propre
3374	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	136. 7.17,0	[illegible]	[illegible]	[illegible]
3375	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 2,7
3376	5,4	9. 0.42,45	[illegible]	0,36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3377	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 1680,9	18,0	0,0
3378	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	136.47.45,9	—1781,0	[illegible]	[illegible]
3379	6,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3380	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	136.57.55,3	[illegible]	[illegible]	— 3,5
3381	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3382	[illegible]	[illegible]	[illegible]	—3,00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3383	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 6,8
3384	[illegible]	[illegible]	[illegible]	—3,40	[illegible]	[illegible]	1990,8	[illegible]	— 4,0
3385	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3386	5,7	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3387	6,5	[illegible]	[illegible]	[illegible]	0,80	[illegible]	[illegible]	[illegible]	[illegible]
3388	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3389	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	137.50.31,6	[illegible]	[illegible]	+ 1,4
3390	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3391	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 2,0
3392	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3393	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,15	137. 5.13,6	[illegible]	[illegible]	[illegible]
3394	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3395	[illegible]	15.15.40,46	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 8,0
3396	6,5	[illegible]	[illegible]	3,64	+ 2,10	137.53. 9,3	[illegible]	[illegible]	—26,0
3397	3,2	20.50.52,01	[illegible]	[illegible]	[illegible]	137.38.24,9	[illegible]	—48,4	[illegible]
3398	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3399	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	96,6	[illegible]
3400	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3401	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	1873,7	17,9	[illegible]
3402	[illegible]	[illegible]	[illegible]	0,33	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3403	[illegible]	[illegible]	[illegible]	+0,24	[illegible]	138.26.27,3	[illegible]	+22,8	[illegible]
3404	[illegible]	[illegible]	[illegible]	—0,14	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3405	4,4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3406	[illegible]	10.42.28,03	[illegible]	[illegible]	[illegible]	138.53.30,9	+1891,1	[illegible]	[illegible]
3407	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	138.24.38,3	[illegible]	8,3	[illegible]
3408	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6,5
3409	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3410	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,90	[illegible]	[illegible]	[illegible]	44,2
3411	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 499,0	+22,0	[illegible]
3412	[illegible]	12.22.37,76	—522,79	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3413	[illegible]	[illegible]	[illegible]	— 4,70	[illegible]	[illegible]	1934,4	[illegible]	[illegible]
3414	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	139.54.36,8	907,4	[illegible]	[illegible]
3415	[illegible]	[illegible]	[illegible]	[illegible]	— 0,36	[illegible]	[illegible]	—66,8	[illegible]
3416	[illegible]	[illegible]	+461,07	[illegible]	[illegible]	[illegible]	[illegible]	—67,0	[illegible]
3417	5,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3418	[illegible]	3.29.35,73	[illegible]	[illegible]	[illegible]	140.43. 4,8	[illegible]	+21,1	[illegible]
3419	[illegible]	[illegible]	[illegible]	+0,56	0,00	[illegible]	[illegible]	[illegible]	21,0
3420	[illegible]	6.47.27,98	—148,60	[illegible]	+ 0,25	[illegible]	[illegible]	+21,1	[illegible]
3421	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140.18.19,6	[illegible]	[illegible]	+ 4,0
3422	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140. 9.55,[illegible]	[illegible]	[illegible]	— 3,0
3423	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 3,2

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3424	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	140.28.59,9	[illegible]	64,4	7,0
3425	[illegible]	[illegible]	[illegible]	+0,18	[illegible]	[illegible]	+ 10,1	68,1	+ 5,0
3426	[illegible]	[illegible]	[illegible]	[illegible]	− 0,70	[illegible]	[illegible]	17,8	+35,0
3427	[illegible]	[illegible]	[illegible]	[illegible]	0,10	[illegible]	−1967,1	9,0	+ 2,0
3428	6,7	[illegible]	[illegible]	[illegible]	− 0,20	[illegible]	−1977,1	− 7,5	+ 4,0
3429	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 3,0	0,0
3430	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1676,8	17,9	[illegible]
3431	[illegible]	4.13.24,15	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−15,0
3432	[illegible]	[illegible]	[illegible]	−0,40	0,00	[illegible]	[illegible]	[illegible]	− 1,0
3433	[illegible]	[illegible]	[illegible]	+5,80	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3434	[illegible]	[illegible]	[illegible]	[illegible]	− 1,26	[illegible]	[illegible]	−45,6	[illegible]
3435	[illegible]	[illegible]	[illegible]	−1,10	[illegible]	[illegible]	[illegible]	−69,0	[illegible]
3436	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 6,0
3437	[illegible]	[illegible]	[illegible]	−5,16	[illegible]	141.50.33,5	[illegible]	[illegible]	[illegible]
3438	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0,0
3439	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3440	[illegible]	[illegible]	+196,87	0,00	[illegible]	[illegible]	[illegible]	+18,0	+ 4,9
3441	[illegible]	[illegible]	[illegible]	[illegible]	0,00	[illegible]	[illegible]	+20,0	[illegible]
3442	[illegible]	[illegible]	[illegible]	[illegible]	0,00	[illegible]	[illegible]	[illegible]	[illegible]
3443	[illegible]	[illegible]	[illegible]	−0,09	[illegible]	[illegible]	+ 189,8	[illegible]	[illegible]
3444	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	142.53.38,1	+ 285,8	+19,0	+ 1,3
3445	4,9	[illegible]	[illegible]	[illegible]	[illegible]	142.18.38,5	[illegible]	[illegible]	+ 5,3
3446	[illegible]	[illegible]	+ 153,07	[illegible]	[illegible]	142.42.50,8	[illegible]	19,1	[illegible]
3447	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1184,8	[illegible]	[illegible]
3448	5,9	[illegible]	[illegible]	[illegible]	[illegible]	142.55.27,6	[illegible]	[illegible]	[illegible]
3449	[illegible]	13.33.32,93	[illegible]	[illegible]	[illegible]	142.57.28,8	+1840,0	[illegible]	[illegible]
3450	[illegible]	[illegible]	[illegible]	[illegible]	0,60	142. 2.25,8	[illegible]	[illegible]	− 6,0
3451	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	142.29.14,8	− 505,5	− 67,0	[illegible]
3452	6,9	[illegible]	[illegible]	−2,50	0,00	[illegible]	[illegible]	[illegible]	0,0
3453	[illegible]	11.16.26,71	+272,58	[illegible]	0,10	143.56.35,3	+1969,1	+ 6,8	+ 2,0
3454	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	143. 0.24,5	+ 589,4	[illegible]	[illegible]
3455	[illegible]	[illegible]	[illegible]	[illegible]	− 0,30	[illegible]	[illegible]	64,6	[illegible]
3456	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−68,0	− 1,0
3457	[illegible]	[illegible]	[illegible]	4,40	[illegible]	[illegible]	1000,5	−58,0	− 1,0
3458	5,8	[illegible]	[illegible]	− 5,90	[illegible]	143.40.37,0	[illegible]	−42,0	+ 4,0
3459	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−14,1	0,0
3460	[illegible]	23.21. 0,74	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 7,8	−11,0
3461	[illegible]	[illegible]	+ 229,81	[illegible]	[illegible]	[illegible]	−1822,4	+14,7	[illegible]
3462	[illegible]	[illegible]	[illegible]	1,00	[illegible]	[illegible]	1808,9	+15,0	[illegible]
3463	[illegible]	[illegible]	+116,86	[illegible]	[illegible]	144.56.46,6	[illegible]	+ 17,0	+ 2,0
3464	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,30	[illegible]	[illegible]	+17,7	[illegible]
3465	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3466	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+1530,1	[illegible]	[illegible]
3467	[illegible]	9.53.21,04	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3468	[illegible]	[illegible]	[illegible]	[illegible]	− 0,30	144.12.29,4	[illegible]	[illegible]	[illegible]
3469	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	144.22.18,6	[illegible]	−60,0	[illegible]
3470	[illegible]	[illegible]	[illegible]	[illegible]	− 1,20	[illegible]	+ 282,8	−71,0	+16,0
3471	5,4	[illegible]	+483,53	−3,36	[illegible]	[illegible]	− 683,8	66,0	[illegible]
3472	[illegible]	[illegible]	[illegible]	−6,10	[illegible]	[illegible]	−1785,5	26,0	−67,0
3473	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1882,8	[illegible]	[illegible]

N	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3474	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3475	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3476	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1806,9	[illegible]	[illegible]
3477	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3478	5,6	11.55.[illegible]	+301,44	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3479	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	145.55.32,9	[illegible]	[illegible]	[illegible]
3480	[illegible]	16.50.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	600,0	[illegible]	[illegible]
3481	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	374,0	−71,[illegible]	[illegible]
3482	[illegible]	21.19.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-1551,3	[illegible]	[illegible]
3483	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	145.28. 4,8	[illegible]	−31,[illegible]	[illegible]
3484	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3485	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	539,6	[illegible]	[illegible]
3486	[illegible]	[illegible]	[illegible]	−0,27	[illegible]	[illegible]	1580,7	[illegible]	[illegible]
3487	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3488	[illegible]	[illegible]	+437,05	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3489	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3490	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3491	5,6	19.[illegible]	−491,10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3492	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3493	[illegible]	0.57.48,03	[illegible]	[illegible]	0,80	[illegible]	[illegible]	[illegible]	[illegible]
3494	[illegible]	[illegible]	[illegible]	[illegible]	1,04	[illegible]	−1858,4	[illegible]	[illegible]
3495	[illegible]	3.10. 1,02	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3496	[illegible]	3.56.33,90	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3497	[illegible]	[illegible]	[illegible]	[illegible]	0,90	[illegible]	[illegible]	[illegible]	[illegible]
3498	[illegible]	[illegible]	[illegible]	[illegible]	0,01	[illegible]	[illegible]	[illegible]	[illegible]
3499	[illegible]	[illegible]	[illegible]	−7,63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3500	[illegible]	0.38.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1976,5	[illegible]	[illegible]
3501	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3502	[illegible]	[illegible].40.20,26	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3503	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3504	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible] 36,0	1383,3	[illegible]	[illegible]
3505	[illegible]	[illegible]	[illegible]	−0,46	[illegible]	[illegible]	−1399,0	15,2	[illegible]
3506	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	148.33.26,3	[illegible]	15,0	[illegible]
3507	[illegible]	[illegible]	[illegible]	−0,23	0,55	148.51.19,8	[illegible]	14,8	[illegible]
3508	[illegible]	[illegible]	[illegible]	[illegible]	0,32	[illegible]	+1599,1	15,0	[illegible]
3509	[illegible]	[illegible]	+219,65	[illegible]	[illegible]	[illegible]	[illegible]	12,0	[illegible]
3510	[illegible]	[illegible]	[illegible]	+1,96	0,00	148.39.45,6	−1868,7	[illegible]	[illegible]
3511	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	148.19.19,[illegible]	[illegible]	10,0	[illegible]
3512	[illegible]	[illegible]	[illegible]	[illegible]	4,00	[illegible]	[illegible]	8,0	[illegible]
3513	[illegible]	[illegible]	[illegible]	+3,87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3514	[illegible]	[illegible]	[illegible]	[illegible]	0,40	[illegible] 21,9	[illegible]	[illegible]	[illegible]
3515	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1984,7	[illegible]	3,0
3516	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3517	[illegible]	[illegible]	[illegible]	−7,06	4,00	[illegible]	[illegible]	[illegible]	[illegible]
3518	[illegible]	[illegible]	[illegible]	−7,50	[illegible]	148.2[illegible]	[illegible]	[illegible]	[illegible]
3519	[illegible]	[illegible]	[illegible]	[illegible]	0,03	148.51.46,1	[illegible]	[illegible]	4,3
3520	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23,0
3521	[illegible]	[illegible]	[illegible]	−7,35	[illegible]	[illegible]	[illegible]	50,8	[illegible]
3522	[illegible]	[illegible]	[illegible]	−7,40	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3523	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3524	[illegible]	[illegible]	[illegible]	+1,50	[illegible]	[illegible]	— 888″,7	[illegible]	—17,0
3525	5,4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3526	[illegible]	6.14.50,91	[illegible]	+0,06	[illegible]	149.10.33,3	[illegible]	—12,1	[illegible]
3527	[illegible]	[illegible]	[illegible]	+0,06	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3528	[illegible]	8.20.27,73	[illegible]	[illegible]	[illegible]	149.11.15,5	[illegible]	[illegible]	[illegible]
3529	4,4	[illegible]	[illegible]	[illegible]	[illegible]	149.24.14,9	[illegible]	[illegible]	— 2,7
3530	[illegible]	[illegible]	—137,78	[illegible]	[illegible]	149.58.25,0	[illegible]	[illegible]	[illegible]
3531	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—10,6	[illegible]
3532	3,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 8,5
3533	[illegible]	[illegible]	[illegible]	—6,60	[illegible]	[illegible]	[illegible]	[illegible]	+ 3,3
3534	[illegible]	[illegible]	[illegible]	+7,30	[illegible]	149.23.17,9	[illegible]	[illegible]	+ 3,0
3535	[illegible]	13.56.45,83	[illegible]	[illegible]	[illegible]	149.53.25,9	[illegible]	—30,6	+ 3,3
3536	[illegible]	14.47.51,65	[illegible]	[illegible]	— 2,30	[illegible]	[illegible]	—45,0	+13,0
3537	6	15.31.45,74	[illegible]	+7,44	[illegible]	[illegible]	—1208,5	—56,4	+26,0
3538	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—1434,4	—47,6	[illegible]
3539	[illegible]	0.35.44,55	[illegible]	—3,80	+12,00	150. 0.58,9	—1980,9	[illegible]	[illegible]
3540	[illegible]	[illegible]	[illegible]	+0,40	[illegible]	[illegible]	[illegible]	+15,0	—14,0
3541	[illegible]	[illegible]	—141,82	+1,19	[illegible]	150. 7.31,4	[illegible]	[illegible]	[illegible]
3542	[illegible]	7.55.56,25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+14,2	[illegible]
3543	[illegible]	[illegible]	[illegible]	—1,24	[illegible]	[illegible]	[illegible]	[illegible]	+25,0
3544	[illegible]	[illegible]	[illegible]	—0,80	[illegible]	[illegible]	—1372,5	[illegible]	[illegible]
3545	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3546	[illegible]	[illegible]	+288,30	[illegible]	[illegible]	150.37.20,4	[illegible]	[illegible]	[illegible]
3547	[illegible]	[illegible]	+452,86	+7,32	[illegible]	150.25.21,7	[illegible]	—33,9	—72,9
3548	[illegible]	[illegible]	[illegible]	+8,78	[illegible]	150.25.16,0	+1577,7	—36,7	—81,0
3549	[illegible]	[illegible]	—541,18	+2,56	— 0,98	150.36. 2,0	[illegible]	[illegible]	+12,0
3550	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—1201,6	—58,0	[illegible]
3551	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	150.52.58,5	[illegible]	[illegible]	+54,0
3552	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	150.45.28,3	[illegible]	[illegible]	[illegible]
3553	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—1900,1	[illegible]	0,0
3554	[illegible]	[illegible]	[illegible]	—2,97	[illegible]	151.14.14,0	[illegible]	[illegible]	0,0
3555	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	151.40.56,2	[illegible]	[illegible]	+ 0,2
3556	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 8,5	[illegible]
3557	4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3558	[illegible]	[illegible]	+212,83	[illegible]	[illegible]	151.10.15,0	[illegible]	+11,0	[illegible]
3559	[illegible]	[illegible]	[illegible]	[illegible]	— 0,80	151.24.43,6	[illegible]	—71,0	+ 2,4
3560	[illegible]	17. 0.58,59	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3561	[illegible]	18.14. 0,58	+553,44	—0,75	[illegible]	151.32.21,0	— 122,5	[illegible]	[illegible]
3562	[illegible]	[illegible]	[illegible]	—6,30	[illegible]	151.25.44,0	[illegible]	[illegible]	[illegible]
3563	[illegible]	[illegible]	+506,19	[illegible]	[illegible]	[illegible]	—1915,1	[illegible]	[illegible]
3564	[illegible]	[illegible]	[illegible]	—9,10	[illegible]	[illegible]	—1483,0	—46,0	[illegible]
3565	[illegible]	[illegible]	[illegible]	[illegible]	+ 0,70	[illegible]	[illegible]	[illegible]	[illegible]
3566	[illegible]	[illegible]	[illegible]	— 1,18	0,00	152.59.18,9	[illegible]	+12,3	[illegible]
3567	[illegible]	1.55.36,85	—185,46	—0,31	[illegible]	[illegible]	[illegible]	+14,2	— 2,7
3568	5,5	[illegible]	+109,94	[illegible]	[illegible]	152.57.29,7	—1318,7	+13,8	[illegible]
3569	[illegible]	3.16. 2,98	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3570	3,4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3571	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,6
3572	[illegible]	9.42.30,08	[illegible]	[illegible]	— 0,18	152. 2.48,1	+1654,6	+12,9	0,0
3573	[illegible]	[illegible]	—275,07	—4,50	— 0,73	[illegible]	[illegible]	[illegible]	[illegible]
3574	[illegible]	11.57.55,77	[illegible]	+5,89	[illegible]	[illegible]	+2005,1	[illegible]	0,0

N°	Grandeur	α 1900,0	Précession	Variation séculaire	Mouvement propre	δ 1900,0	Précession	Variation séculaire	Mouvement propre
3575	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1996,3	− 5″,3	[illegible]
3576	[illegible]	[illegible]	[illegible]	+ 6,88	[illegible]	152.32.44,5	[illegible]	− 5,3	[illegible]
3577	6,7	[illegible]	[illegible]	[illegible]	[illegible]	152.24.30,3	[illegible]	−25,8	[illegible]
3578	5,2	[illegible]	[illegible]	[illegible]	[illegible]	152.26.56,1	[illegible]	−44,0	+ 10,0
3579	[illegible]	18. 1. 8,47	[illegible]	+ 0,18	[illegible]	[illegible]	[illegible]	−81,2	[illegible]
3580	4,4	[illegible]	−557,36	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 2,2
3581	[illegible]	22.26.14,44	[illegible]	[illegible]	+ 0,13	[illegible]	[illegible]	[illegible]	− 3,3
3582	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	152.32.46,8	[illegible]	−10,7	[illegible]
3583	[illegible]	[illegible]	[illegible]	[illegible]	− 1,17	153.30.32,8	1990,8	[illegible]	+ 5,5
3584	[illegible]	[illegible]	+ 98,16	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 36,0
3585	[illegible]	[illegible]	+ 62,53	+ 2,32	[illegible]	153.37.26,4	− 841,1	[illegible]	− 14,0
3586	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3587	6,7	8. 7. 6,55	[illegible]	[illegible]	[illegible]	153.30.24,1	[illegible]	[illegible]	[illegible]
3588	[illegible]	10.39.23,26	[illegible]	[illegible]	[illegible]	153.52.15,2	[illegible]	+ 9,9	[illegible]
3589	[illegible]	[illegible]	[illegible]	− 3,50	[illegible]	153.37.33,0	[illegible]	[illegible]	[illegible]
3590	5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 5,6	[illegible]
3591	[illegible]	[illegible]	[illegible]	− 5,28	[illegible]	153.13.56,8	[illegible]	+ 2,1	[illegible]
3592	4,8	[illegible]	[illegible]	[illegible]	[illegible]	153.11.47,2	[illegible]	− 30,0	+ 8,0
3593	[illegible]	15.46.19,73	[illegible]	[illegible]	[illegible]	153. 7.19,2	[illegible]	−63,9	[illegible]
3594	[illegible]	[illegible]	[illegible]	− 7,90	− 0,25	153.25.48,1	[illegible]	−70,0	+ 1,6
3595	6	17.58.57,08	−577,41	[illegible]	[illegible]	[illegible]	[illegible]	84,2	+ 22,0
3596	6	[illegible]	−580,05	[illegible]	[illegible]	[illegible]	87,5	[illegible]	+ 25,0
3597	[illegible]	[illegible]	[illegible]	9,30	[illegible]	[illegible]	[illegible]	−18,0	[illegible]
3598	[illegible]	23. 7.56,86	+366,96	[illegible]	− 7,30	153.13.55,9	[illegible]	− 11,8	[illegible]
3599	5,6	[illegible]	+350,40	− 7,70	[illegible]	153.39.40,0	[illegible]	− 7,0	[illegible]
3600	5,8	1.21.37,76	−207,89	[illegible]	[illegible]	[illegible]	[illegible]	−11,0	[illegible]
3601	[illegible]	2.56.54,27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 4,0
3602	[illegible]	3.13.35,39	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−10,8	[illegible]
3603	[illegible]	[illegible]	[illegible]	− 2,72	− 2,70	[illegible]	[illegible]	− 8,1	[illegible]
3604	6	5.29.39,85	[illegible]	[illegible]	[illegible]	154. 0. 9,8	[illegible]	+ 5,2	[illegible]
3605	[illegible]	[illegible]	[illegible]	[illegible]	− 0,25	[illegible]	[illegible]	+11,5	[illegible]
3606	5,4	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1566,6	[illegible]	[illegible]
3607	[illegible]	17.35.54,96	[illegible]	[illegible]	− 0,28	154.40.33,2	[illegible]	−85,3	[illegible]
3608	[illegible]	18.35.37,81	−590,04	− 2,70	[illegible]	154.57.54,6	[illegible]	[illegible]	− 17,0
3609	[illegible]	[illegible]	+333,82	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3610	[illegible]	21.52.20,26	[illegible]	[illegible]	[illegible]	[illegible]	−2004,1	[illegible]	[illegible]
3611	4,3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 3,8	[illegible]
3612	3,4	[illegible]	[illegible]	[illegible]	[illegible]	155. 7.18,0	−1129,1	[illegible]	[illegible]
3613	[illegible]	[illegible]	[illegible]	[illegible]	0,81	155.46.22,9	[illegible]	− 1,4	[illegible]
3614	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	155.56.24,8	+ 918,3	+ 5,0	− 1,0
3615	[illegible]	8.24.38,94	[illegible]	[illegible]	[illegible]	155.48.10,9	+1182,9	[illegible]	[illegible]
3616	4,1	9. 0.51,98	[illegible]	[illegible]	− 0,41	155.59.48,5	[illegible]	+ 9,0	[illegible]
3617	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	155.58.51,1	+1937,7	−62,2	[illegible]
3618	6	17.46.19,52	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−86,2	[illegible]
3619	[illegible]	18.38.48,29	+592,60	− 3,11	[illegible]	155.10.50,6	[illegible]	85,2	[illegible]
3620	[illegible]	21.18.10,72	+500,36	[illegible]	+ 1,58	[illegible]	−1525,4	[illegible]	[illegible]
3621	[illegible]	21.30. 4,03	[illegible]	[illegible]	[illegible]	155.16.17,8	[illegible]	− 43,0	[illegible]
3622	[illegible]	[illegible]	[illegible]	−11,19	[illegible]	155.28.30,0	[illegible]	[illegible]	[illegible]
3623	[illegible]	11.40.53,11	[illegible]	[illegible]	[illegible]	156.10.27,7	[illegible]	[illegible]	− 3,0
3624	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	156.49.56,6	[illegible]	−86,7	[illegible]

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	𝒫 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3625	[illegible]	[illegible]	[illegible]	— 6,20	— 0,40	156.50. 0,1	[illegible]	—85,0	1,0
3626	3,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3627	3,5	[illegible]	[illegible]	[illegible]	0,80	[illegible]	—1961,3	[illegible]	+ 0,3
3628	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—2004,2	[illegible]	+ 0,7
3629	[illegible]	[illegible]	[illegible]	— 3,11	0,00	[illegible]	[illegible]	+ 8,7	0,0
3630	6	[illegible]	[illegible]	[illegible]	1,70	157. 8. 5,4	—1526,6	[illegible]	+ 6,0
3631	6	3.16.50,80	[illegible]	[illegible]	1,10	[illegible]	[illegible]	+ 7,7	0,0
3632	[illegible]	[illegible]	[illegible]	[illegible]	0,05	[illegible]	[illegible]	[illegible]	[illegible]
3633	[illegible]	[illegible]	[illegible]	[illegible]	0,60	[illegible]	[illegible]	[illegible]	[illegible]
3634	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	157.46.27,0	[illegible]	[illegible]	[illegible]
3635	[illegible]	[illegible]	[illegible]	8,20	[illegible]	[illegible]	+2002,4	[illegible]	+ 3,0
3636	6	[illegible]	[illegible]	[illegible]	[illegible]	157. 5. 5,7	+1999,1	— 4,2	— 16,0
3637	3,3	[illegible]	—363,63	+10,09	0,85	[illegible]	[illegible]	[illegible]	+ 2,7
3638	[illegible]	[illegible]	[illegible]	[illegible]	1,20	[illegible]	[illegible]	[illegible]	+ 4,0
3639	[illegible]	[illegible]	[illegible]	[illegible]	0,80	[illegible]	+1658,4	[illegible]	[illegible]
3640	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3641	[illegible]	[illegible]	[illegible]	+ 7,79	[illegible]	157.30.22,0	+ 668,8	[illegible]	6,0
3642	[illegible]	18.46.38,29	[illegible]	[illegible]	1,00	[illegible]	— 405,3	—89,0	— 1,3
3643	6	[illegible]	[illegible]	—10,28	+18,60	157.34.52,4	— 968,7	[illegible]	[illegible]
3644	5	[illegible]	—556,15	[illegible]	0,00	[illegible]	[illegible]	—63,9	0,0
3645	[illegible]	[illegible]	[illegible]	—13,28	[illegible]	[illegible]	—1822,0	[illegible]	+ 3,0
3646	[illegible]	1.52.24,05	+150,32	+ 0,95	1,30	158. 8.21,3	[illegible]	+11,0	[illegible]
3647	[illegible]	2.38. 2,97	+ 89,17	+ 3,40	1,70	[illegible]	1547,0	+ 8,9	0,0
3648	[illegible]	[illegible]	[illegible]	+ 3,28	[illegible]	158. 2.12,2	[illegible]	[illegible]	— 8,0
3649	[illegible]	[illegible]	[illegible]	[illegible]	0,00	[illegible]	+1059,7	+ 2,3	0,0
3650	[illegible]	[illegible]	—353,50	[illegible]	0,88	158.35. 4,2	+ 1986,1	[illegible]	[illegible]
3651	[illegible]	[illegible]	—554,54	[illegible]	[illegible]	158.18.36,6	[illegible]	[illegible]	+ 4,2
3652	4,9	16.38. 4,35	[illegible]	+ 8,91	[illegible]	[illegible]	+ 701,5	—86,5	[illegible]
3653	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 531,8	—89,5	+ 9,0
3654	[illegible]	[illegible]	[illegible]	— 8,35	[illegible]	158.38.15,7	[illegible]	—86,2	[illegible]
3655	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—1905,6	+10,4	[illegible]
3656	[illegible]	2.19.58,06	[illegible]	[illegible]	[illegible]	159. 6.51,9	—1642,3	[illegible]	[illegible]
3657	[illegible]	[illegible]	[illegible]	[illegible]	0,90	159.38. 0,0	[illegible]	[illegible]	— 21,0
3658	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	159.18.19,0	[illegible]	[illegible]	[illegible]
3659	[illegible]	[illegible]	—143,70	[illegible]	[illegible]	159.32.28,5	+1784,1	[illegible]	— 0,7
3660	[illegible]	[illegible]	—636,05	[illegible]	3,26	[illegible]	[illegible]	—84,0	[illegible]
3661	6	[illegible]	[illegible]	[illegible]	— 0,80	159. 1.33,0	[illegible]	—80,4	+ 9,0
3662	[illegible]	[illegible]	[illegible]	[illegible]	0,20	[illegible]	—1932,9	[illegible]	— 6,2
3663	[illegible]	[illegible]	[illegible]	— 3,30	1,00	[illegible]	—1955,2	+ 8,0	+ 5,0
3664	[illegible]	[illegible]	[illegible]	— 2,80	[illegible]	160.50.19,6	+ 456,1	[illegible]	— 1,0
3665	[illegible]	[illegible]	[illegible]	— 3,28	+ 0,04	160.20.11,2	[illegible]	[illegible]	— 7,8
3666	[illegible]	[illegible]	[illegible]	[illegible]	0,10	160. 8.10,1	[illegible]	[illegible]	+ 2,0
3667	[illegible]	[illegible]	[illegible]	+ 3,20	1,00	[illegible]	+1944,0	[illegible]	[illegible]
3668	[illegible]	[illegible]	—666,53	[illegible]	+ 0,60	160. 1. 5,4	[illegible]	—94,8	+ 4,0
3669	5	21. 3.57,99	+570,04	[illegible]	[illegible]	160.32. 2,9	[illegible]	[illegible]	[illegible]
3670	6,3	[illegible]	[illegible]	[illegible]	1,33	160.36.28,2	[illegible]	—18,3	[illegible]
3671	[illegible]	[illegible]	[illegible]	[illegible]	0,00	161.26.39,7	[illegible]	— 4,7	— 1,0
3672	[illegible]	[illegible]	[illegible]	[illegible]	0,10	161. 6.51,7	— 652,3	[illegible]	— 3,2
3673	[illegible]	[illegible]	[illegible]	[illegible]	0,00	161.27. 3,9	[illegible]	[illegible]	0,0

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION SÉCULAIRE	MOUVEMENT PROPRE	Ⓟ 1900,0	PRÉCESSION	VARIATION SÉCULAIRE	MOUVEMENT PROPRE
3674	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 2,1	— 5,0
3675	6	[illegible]	— 13,87	[illegible]	0,00	[illegible]	[illegible]	— 2,0	0,0
3676	6	11.20.12,10	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 3,0
3677	7	[illegible]	[illegible]	[illegible]	[illegible]	161.55.22,7	[illegible]	[illegible]	0,0
3678	[illegible]	12.26.29,41	+353,55	[illegible]	1,61	[illegible]	[illegible]	[illegible]	+ 0,6
3679	3,6	[illegible]	[illegible]	[illegible]	4,94	[illegible]	[illegible]	— 15,2	[illegible]
3680	[illegible]	[illegible]	+703,24	[illegible]	[illegible]	161.30.49,3	[illegible]	[illegible]	—16,4
3681	[illegible]	[illegible]	[illegible]	— 9,[illegible]	[illegible]	161.59.36,5	[illegible]	+ 1,0	[illegible]
3682	[illegible]	3. 2. 2,70	+ 8,62	+ 7,15	0,34	162.17.34,7	[illegible]	+ 1,6	— 1,4
3683	[illegible]	7.43. 3,03	[illegible]	— 6,30	[illegible]	[illegible]	[illegible]	— 10,0	[illegible]
3684	5,4	[illegible]	[illegible]	[illegible]	1,50	[illegible]	[illegible]	[illegible]	[illegible]
3685	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	162.38.15,7	[illegible]	[illegible]	+ 4,0
3686	5,6	[illegible]	[illegible]	[illegible]	0,00	162.42.27,7	+1848,2	+ 7,2	+ 4,0
3687	[illegible]	[illegible]	+699,08	[illegible]	[illegible]	[illegible]	[illegible]	— 93,3	0,0
3688	6,5	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0,0
3689	6	22.16. 1,73	[illegible]	—20,30	[illegible]	[illegible]	1802,1	— 33,2	[illegible]
3690	[illegible]	[illegible]	+120,60	[illegible]	0,92	[illegible]	+1826,2	+ 7,0	+ 2,2
3691	5,6	[illegible]	+643,86	+20,70	0,30	163. 2.33,2	[illegible]	[illegible]	[illegible]
3692	6,2	[illegible]	[illegible]	[illegible]	0,90	163. 6. 2,5	— 326,0	[illegible]	[illegible]
3693	4,0	[illegible]	[illegible]	—16,47	[illegible]	163.10.27,0	[illegible]	— 90,6	[illegible]
3694	6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 66,6	[illegible]
3695	6	[illegible]	[illegible]	—13,62	[illegible]	[illegible]	[illegible]	— 5,8	[illegible]
3696	6,0	2.22.15,12	[illegible]	+ 7,60	3,00	164. 5.55,6	[illegible]	[illegible]	+ 2,0
3697	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 11,4	[illegible]
3698	6	6.13.12,33	[illegible]	[illegible]	[illegible]	164.43. 8,6	[illegible]	— 26,4	[illegible]
3699	7	[illegible]	[illegible]	— 8,65	[illegible]	164. 0.23,0	+1418,9	[illegible]	[illegible]
3700	6,5	9.17.36,18	[illegible]	[illegible]	[illegible]	[illegible]	+1522,6	[illegible]	[illegible]
3701	[illegible]	[illegible]	[illegible]	[illegible]	1,10	[illegible]	+1968,4	[illegible]	+ 5,0
3702	6	13.17.13,96	[illegible]	[illegible]	[illegible]	164.21.42,9	[illegible]	[illegible]	[illegible]
3703	5,8	[illegible]	[illegible]	[illegible]	[illegible]	164. 1.38,0	[illegible]	[illegible]	[illegible]
3704	[illegible]	0.45. 7,50	+206,38	[illegible]	+ 4,28	[illegible]	[illegible]	[illegible]	0,0
3705	[illegible]	2.51. 6,82	[illegible]	[illegible]	[illegible]	165.28.31,2	[illegible]	[illegible]	0,0
3706	5,2	4.58. 3,47	[illegible]	+ 7,26	+ 0,17	165. 5.26,5	[illegible]	— 24,5	— 5,5
3707	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	165.20.34,6	[illegible]	[illegible]	[illegible]
3708	[illegible]	13.30.38,23	[illegible]	—24,00	[illegible]	165.10.25,1	+1850,4	[illegible]	0,0
3709	6	[illegible]	+724,40	+27,28	[illegible]	165.45.12,0	+1223,4	[illegible]	[illegible]
3710	[illegible]	17.57.15,18	[illegible]	[illegible]	[illegible]	165.53.37,1	[illegible]	[illegible]	[illegible]
3711	[illegible]	21. 7.22,62	+667,54	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3712	6	5.35.50,03	[illegible]	+ 3,92	[illegible]	166.24.46,3	— 211,2	— 35,3	[illegible]
3713	4,5	[illegible]	[illegible]	[illegible]	2,80	166.36.13,1	[illegible]	[illegible]	[illegible]
3714	5,7	13.55.34,45	[illegible]	[illegible]	2,91	[illegible]	[illegible]	[illegible]	[illegible]
3715	[illegible]	14.46.28,84	[illegible]	+31,20	— 2,00	166.15.18,6	[illegible]	— 65,0	0,0
3716	[illegible]	[illegible]	[illegible]750,54	—30,10	+ 6,20	166.31.56,0	[illegible]	— 87,8	0,0
3717	[illegible]	0.20.50,06	+251,95	[illegible]	[illegible]	167.49. 2,9	—1996,7	+ 4,8	[illegible]
3718	[illegible]	2.10.21,21	[illegible]	[illegible]	0,00	167. 5.35,4	[illegible]	0,0	[illegible]
3719	5,5	3.18.26,66	[illegible]	+19,21	+ 3,53	[illegible]	[illegible]	[illegible]	[illegible]
3720	[illegible]	8.23.38,64	— 167,74	[illegible]	— 4,49	167. 9.42,9	[illegible]	[illegible]	— 1,7
3721	[illegible]	11.54.39,31	+292,98	—12,38	[illegible]	[illegible]	[illegible]	[illegible]	+ 3,0

N°	GRANDEUR	α 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	δ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3722	6,5	[illegible]	[illegible]	[illegible]	[illegible]	167.55. 0,0	+1922,8	[illegible]	+ 8,0
3723	5,5	16.28.47,40	− 854,46	[illegible]	− 9,00	167.18.28,9	− 777,0	[illegible]	[illegible]
3724	5,3	[illegible]	[illegible]	−34,97	[illegible]	167.24.19,0	[illegible]	[illegible]	[illegible]
3725	[illegible]	[illegible]	[illegible]	−39,46	+ 0,40	167.50. 2,0	[illegible]	− 63,0	+ 24,0
3726	5,8	[illegible]	[illegible]	[illegible]	− 0,30	[illegible]	[illegible]	[illegible]	0,0
3727	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 18,0
3728	6,3	[illegible]	[illegible]	+16,30	0,00	[illegible]	−1753,8	− 1,0	0,0
3729	[illegible]	[illegible]	− 229,11	+23,07	[illegible]	168.41.13,6	[illegible]	[illegible]	[illegible]
3730	[illegible]	[illegible]	[illegible]	[illegible]	0,00	[illegible]	[illegible]	− 38,0	0,0
3731	5,7	[illegible]	[illegible]	[illegible]	− 1,71	168.36. 1,5	[illegible]	− 21,0	[illegible]
3732	6	8.46.37,65	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 3,0
3733	5,6	[illegible]	[illegible]	− 6,66	[illegible]	168. 5.21,9	+1866,7	+ 3,3	0,0
3734	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	168.45.25,0	+2001,7	3,6	1,7
3735	3,8	14.35.25,44	[illegible]	[illegible]	− 0,88	168.37.12,7	[illegible]	− 66,7	2,4
3736	[illegible]	16. 5.23,58	[illegible]	+33,78	− 0,51	168.26.37,7	[illegible]	[illegible]	+ 5,6
3737	3,9	16.18. 6,24	[illegible]	−32,08	[illegible]	168.40.21,2	+ 862,2	119,1	[illegible]
3738	6,0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	+ 2,8	+ 12,3
3739	6,1	[illegible]	− 5,86	+16,40	[illegible]	169.39. 7,7	−1812,6	0,0	− 1,0
3740	[illegible]	2.33.46,96	− 143,12	−25,05	[illegible]	169.32.44,6	[illegible]	− 11,5	[illegible]
3741	6,3	3.10.55,52	[illegible]	[illegible]	0,00	[illegible]	−1348,8	24,0	0,0
3742	5,5	[illegible]	[illegible]	[illegible]	[illegible]	169.22.43,5	− 26,1	[illegible]	− 9,7
3743	5,5	7. 2.53,76	[illegible]	[illegible]	[illegible]	169.16.35,8	[illegible]	[illegible]	[illegible]
3744	[illegible]	9.52.28,89	[illegible]	[illegible]	− 0,70	169.35.24,0	[illegible]	[illegible]	2,0
3745	[illegible]	[illegible]	[illegible]	[illegible]	0,00	169.56.29,0	[illegible]	+ 2,0	+ 6,0
3746	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	169.16.12,9	[illegible]	[illegible]	− 8,0
3747	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	−1070,8	−113,6	7,0
3748		1.48.42,80	[illegible]	[illegible]	0,00	[illegible]	[illegible]	− 4,0	0,0
3749	5,6	4.24.43,80	− 419,35	+27,99	[illegible]	170.26.53,5	[illegible]	− 55,5	− 7,2
3750	[illegible]	5.45. 7,00	[illegible]	[illegible]	[illegible]	170.32.41,0	[illegible]	− 72,0	− 93,0
3751	[illegible]	[illegible]	[illegible]	+ 4,88	+ 8,70	170.32.38,9	− 130,4	− 71,8	110,0
3752	[illegible]	6.48.22,39	[illegible]	−15,41	[illegible]	170.42.29,2	[illegible]	[illegible]	− 8,2
3753	5,6	[illegible]	[illegible]	− 29,42	[illegible]	170.21.19,3	[illegible]	[illegible]	8,0
3754	5,2	[illegible]	[illegible]	−29,73	[illegible]	170.29.30,9	+1626,1	[illegible]	− 1,9
3755	4,6	[illegible]	[illegible]	[illegible]	− 1,90	170. 0.45,9	[illegible]	[illegible]	[illegible]
3756	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	− 55,6	[illegible]
3757	6,0	[illegible]	[illegible]	+23,77	+ 0,85	[illegible]	[illegible]	[illegible]	+ 3,9
3758	6	[illegible]	[illegible]	[illegible]	+ 1,50	170.56.16,1	[illegible]	[illegible]	+ 8,0
3759	6	[illegible]	[illegible]	[illegible]	0,00	171.48.25,9	[illegible]	[illegible]	[illegible]
3760	5,6	[illegible]	[illegible]	[illegible]	− 3,48	[illegible]	+1750,8	[illegible]	− 1,0
3761	6,3	[illegible]	+1131,45	−53,84	[illegible]	171.36. 0,5	[illegible]	−149,7	− 0,9
3762	[illegible]	22.35.50,85	[illegible]	−62,65	− 3,06	171.54.20,9	−1871,1	− 32,6	[illegible]
3763	5,2	[illegible]	+ 281,89	[illegible]	− 1,38	[illegible]	−2004,1	+ 1,8	[illegible]
3764	5,9	5.10.14,53	[illegible]	[illegible]	[illegible]	172.36.15,0	[illegible]	[illegible]	+ 0,1
3765	5,5	[illegible]	[illegible]	[illegible]	− 0,96	172.38.15,1	[illegible]	[illegible]	6,4
3766	[illegible]	[illegible]	[illegible]	−31,54	[illegible]	172.34.28,4	−2001,1	− 2,3	[illegible]
3767	5,6	[illegible]	[illegible]	[illegible]	[illegible]	172.43.33,7	−2003,5	[illegible]	2,7
3768	[illegible]	[illegible]	[illegible]	+56,36	[illegible]	[illegible]	−1815,4	[illegible]	− 6,0
3769	[illegible]	4.34.28,67	[illegible]	[illegible]	[illegible]	173. 6.55,3	[illegible]	[illegible]	− 1,7

N°	GRANDEUR	Æ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre	℘ 1900,0	PRÉCESSION	VARIATION séculaire	MOUVEMENT propre
3770	6,8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	— 150,0	[illegible]
3771	4,1	[illegible]	[illegible]	[illegible] ,32	[illegible]	173.12.35,1	[illegible]	[illegible]	[illegible]
3772	6,3	[illegible]	[illegible]	[illegible]	[illegible]	173.37. 8,4	—1029,[illegible]	[illegible]	+ 0,2
3773	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—1619,8	[illegible] ,9	+ 1,3
3774	[illegible]	[illegible]	— 1169,7[illegible]	[illegible]	[illegible]	174.50. 6,3	— 91,3	[illegible]	[illegible]
3775	[illegible]	11. 0. 0,96	[illegible]	33 22	[illegible]	[illegible]	—1936,4	— 2[illegible]	[illegible]
3776	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	174.34.48,6	[illegible]	[illegible]	[illegible]
3777	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	174. 7.55,0	—1287,3	[illegible]	[illegible]
3778	[illegible]	[illegible]	— 1502,31	[illegible]	[illegible]	174.44.48,5	[illegible]	[illegible]	[illegible]
3779	6	[illegible]	[illegible]	[illegible]	[illegible]	175.33. 4,5	[illegible]	+ 2[illegible]	[illegible]
3780	5,6	1.43. 7,85	[illegible]	[illegible]	+ 0,86	[illegible]	—1805,1	[illegible]	[illegible]
3781	6,4	4. 0.54,55	— 1186,73	+ 168 [illegible]	[illegible]	175.33.31,5	— 996,0	[illegible]	[illegible]
3782	6,8	[illegible]	[illegible]	[illegible] 63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3783	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	175.15.46,8	[illegible]	[illegible] 8	[illegible]
3784	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	175.54.21,3	[illegible]	[illegible] 8	— 2,3
3785	5,9	[illegible]	— 989,13	[illegible]	— 2,79	[illegible]	—2004,6	[illegible]	[illegible]
3786	[illegible]	[illegible]	[illegible]	[illegible] ,53	[illegible]	[illegible]	—1869,3	[illegible]	— [illegible],3
3787	[illegible]	0.39.41,16	— 43,58	— 62 [illegible]	[illegible]	176.14.57,1	[illegible]	[illegible]	[illegible]
3788	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	—1560,7	[illegible]	[illegible]
3789	6,3	7.22. 1,23	[illegible]	— 265,[illegible]	[illegible]	[illegible]	— 702,2	[illegible]	[illegible]
3790	[illegible]	[illegible]	— 2133,52	[illegible]	[illegible]	176.10.42,7	— 848,8	— 984[illegible]	[illegible]
3791	[illegible]	[illegible]	[illegible]	— 320 [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3792	[illegible]	[illegible]	[illegible]	[illegible] 96	[illegible]	[illegible]	—1541,3	[illegible] 9	[illegible]
3793	[illegible]	[illegible]	— 3583,29	— 36 58	[illegible]	[illegible]	[illegible]	[illegible]	+12,4
3794	[illegible]	0.12.29,47	— 78,62	+ 238 [illegible]	[illegible]	178.55. 8,3	2001,7	[illegible]	[illegible]
3795	[illegible]	[illegible]	[illegible]	— 688 [illegible]	[illegible]	178.34.24,9	+ 919,1	[illegible]	[illegible]
3796	5,6	23.13. 9,48	[illegible]	[illegible]	[illegible]	[illegible]	—1963,0	[illegible]	[illegible]
3797	6,6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
3798	[illegible]	18.59.43,21	[illegible]	[illegible]	[illegible]	179.15.16,5	[illegible]	[illegible]	[illegible]
3799	[illegible]	[illegible]	— 6836,74	8855 [illegible]	[illegible]	179.19. 3,1	—1630,2	[illegible]	[illegible]

FIN

[illegible] PARIS. — IMPRIMERIE GAUTHIER-VILLARS,
[illegible], Quai des Grands-Augustins.

